

bulletin of undergraduate studies

LOWELL STATE COLLEGE

1968 - 1970





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Official publication of Lowell State College



#### A MESSAGE FROM THE PRESIDENT

The Roman poet, Lucretius, has pictured the transmission of culture in terms of youthful runners in a stadium who pass flaming torches from hand to hand. "Et quasi cursores vitai lampada tradunt." The last three words of this hexameter form the motto of our college and symbolically sum up our goal—"They pass on the torch of life." May your education at Lowell State College inspire you to commitment to truth and to service to mankind.

Daniel 18. O. Lang

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## COLLEGE CALENDAR 1968-1969

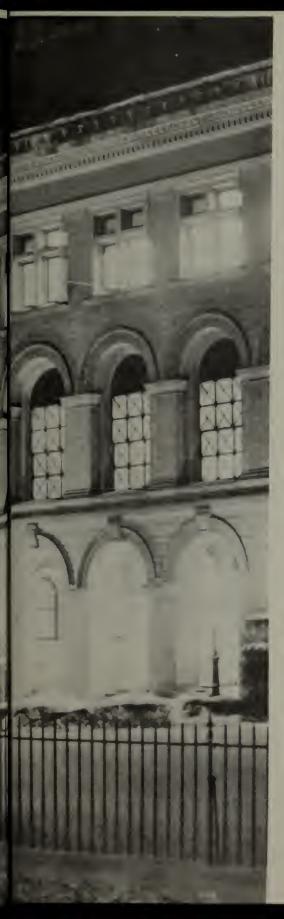
## Fall Semester

Sept.	4	Freshman Orientation begins
Sept.	9	Fall Semester begins
Sept.	16	Last day to change course
		registrations
Sept.	18	Final registration cards due
Oct.	11	Holiday
Nov.	11	Holiday
Nov.	28	Thanksgiving recess begins
		at noon
Dec.	2	Classes resume
Dec.	20	Christmas recess begins at
		noon
Jan.	6	Classes resume
Jan.	6	Founders Day (January 6, 1894)
Jan.	9	Last day of classes
Jan.	10	Final examinations begin
Jan.	21	Final examinations end

## Spring Semester

Jan.	27	Spring Semester begins
Feb.	3	Last day to change course
		registrations
Feb.	5	Final registration cards due
Feb.	21	Holiday
Apr.	3	Spring recess begins at noon
Apr.	14	Classes resume
Apr.	18	Holiday
May	21	Last day of classes
May	22	Final examinations begin
June	3	Final examinations end
June	8	Graduation





STUDENT GOVERNMENT ASSOCIATION CALENDAR 1968-1969

## Fall Semester

Sept. 12 Sept. 13 Sept. 20 Sept. 23 Sept. 27	Freshman-Junior MENC party SGA dance Senior dance Freshman night Phanar night
Sept. 28	Cross CountryJohnson State
Oct. 1	Cross CountryGorham State
Oct. 4	Advocate dance
Oct. 5	ECAC Golf tournament at Dartmouth
Oct. 8	Cross CountryBridgewater State
Oct. 10 Oct. 11	CIA dance
	Cross CountryWorcester State
Oct. 16	Cross CountryAssumption and LTI
Oct. 18	Pegasus dance
Oct. 19	Cross CountryKeene State
Oct. 23, 24	part 1
Oct. 24	Cross CountryFitchburg State
Oct. 25	MAA dance
Oct. 29	Cross CountryLTI
Nov. 1	Young Democrats dance
Nov. 2	NESCAC Championships
Nov. 8	WRO dance
Nov. 15	Drama club dance
Nov. 23, 24	
Nov. 29	Junior prom
Nov. 30	BasketballEastern Connecticut State
Dec. 4	BasketballKeene State
Dec. 5-7	Drama Club play
Dec. 7	BasketballNorth Adams State
Dec. 9	WrestlingHoly Cross
Dec. 9	BasketballHoly Cross (away)
Dec. 12	BasketballBoston State (away)

# STUDENT GOVERNMENT ASSOCIATION CALENDAR 1968-1969 (Continued)

## Fall Semester (Continued)

Dec.	13		Knoll dance
Dec.	13		WrestlingBoston State (away)
Dec.	14		BasketballLyndon State
Dec.	16		BasketballFitchburg State
Dec.	20,	21	LTI Tournament
Dec.	27		Alumni Basketball
Jan.	7		BasketballWorcester State
Jan.	9		BasketballSalem State
Jan.	9		Kappa Delta Phi dance
Jan.	10		BasketballSuffolk
Jan.	11		WrestlingBowdoin (away)

## Spring Semester

Jan.	30	BasketballBoston State
Jan.	31	Sophomore Class dance
Feb.	1	BasketballNorth Adams (away)
Feb.	1	WrestlingRhode Island College
Feb.	4	BasketballLTI (away)
Feb.	6	BasketballKeene State
Feb.	7	WrestlingLTI (away)
Feb.	7	Junior Class dance
Feb.	8	BasketballJohnson State
Feb.	10	BasketballSalem State (away)
Feb.	12	BasketballFitchburg State (away)
Feb.	13	WrestlingPlymouth State
Feb.	14	Athenaeum Society dance
Feb.	15	BasketballMerrimack College
Feb.	18	BasketballLTI
Feb.	22	BasketballFarmington State (away)
Feb.	24-26	NESCAC play-offs





# STUDENT GOVERNMENT ASSOCIATION CALENDAR 1968-1969 (Continued)

## Spring Semester (Continued)

Mar. 1	NESCAC tournament Drama Club play
	Drama Club play
Apr. 11	BaseballSalem State
Apr. 14	
Apr. 14	GolfWorcester State (away)
Apr. 16	` · · · · · · · · · · · · · · · · · · ·
_	GolfGorham State
	BaseballSuffolk
•	BaseballKeene State
Apr. 22	GolfJohnson State and Keene State
Apr. 25	
Apr. 28	BaseballFitchburg State (away)
Apr. 29	GolfFarmington State
May 2	GolfSalem State (away)
May 5	BaseballWorcester State (away)
May 7	· · · · · · · · · · · · · · · · · · ·
May 7	MENC production
May 12	-
May 12	BaseballBoston State
May 14	BaseballSalem State (away)
May 16	BaseballBridgewater State
May 16-18	SGA spring weekend
May 19	GolfKeene State (away)
May 20	BaseballRhode Island College (away)
June 1-7	Senior week

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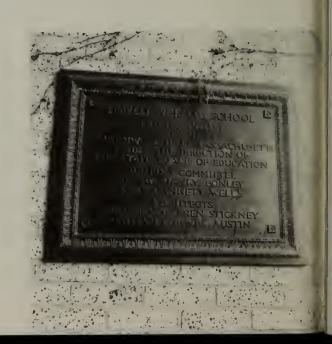
## GENERAL COLLEGE INFORMATION

#### HISTORY OF THE COLLEGE

Lowell State College was established by an act of the General Court of the Commonwealth on January 6, 1894. Reflecting the educational philosophy and objectives of that time, the institution so created was named the Massachusetts State Normal School at Lowell and was charged with developing a two-year program in elementary education which would provide "the most thorough knowledge of the branches of learning required to be taught in the schools, the best methods of teaching these branches, and right mental training." The scope of the curriculum was expanded in 1912 when a three-year program in musiceducation was initiated, and in 1927 the curriculum in elementaryeducation was similarly extended. One year later, the program in music-education was expanded to four years, and in the following year the first baccalaureate degree, Bachelor of Science in Education, was granted in music-education. In 1932 the institution was made a four-year college and became the State Teachers College at Lowell with the right to confer the degree of Bachelor of Science in Education in both elementary and music education.



D U C A T I O N B U I L D I N G



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In September, 1959, the State Teachers College at Lowell was empowered by the Commonwealth to offer curricula in secondaryeducation, and in that year the first secondary program was initiated in English. In 1960, the General Court of the Commonwealth authorized the college to expand both its function and its programs by granting the Bachelor of Arts and Bachelor of Music-Education degrees, and accordingly it renamed the institution the Massachusetts State College at Lowell. In the following year, the first liberal arts program was offered in English. A second liberal arts program was added in biology in 1962 and a third program, in history, was added in 1963. By direction of the General Court in 1967, the college initiated graduate programs in elementaryeducation and music-education leading to the degrees of Master of Education and Master of Music-Education. A fourth Bachelor of Arts program, in French, was added in 1968, as were programs in nursing (leading to the degree of Bachelor of Science) and music (leading to the degree of Bachelor of Music). Master of Arts programs in the teaching of biology, English, and history will be offered by the college as soon as new library facilities permit. In 1968, the General Court of the Commonwealth changed the name of the institution to Lowell State College.

#### LOCATION OF THE COLLEGE

Lowell State College is located twenty-five miles north-west of Boston and is situated on a thirty-acre campus in the northwestern periphery of the City of Lowell. The college campus, which has a commanding view of the Merrimack River, is easily accessible to Route 3 and to Interstate Routes 93 and 495.

#### ACADEMIC STATUS OF THE COLLEGE

Lowell State College is a fully accredited member of the New England Association of Colleges and Secondary Schools and of the National Council for Accreditation of Teacher Education. Accreditation indicates that this college is recognized and approved by the major regional and national associations concerned with the quality of higher education, and it assures that study undertaken here has transfer value to other accredited institutions of higher learning. The college is also a member in good

standing with the American Association of Colleges for Teacher Education, the Eastern States Association of Professional Schools for Teacher Education, the American Association of University Women, the Association of State Colleges and Universities, the National Association of Schools of Music, and the Music Educators' National Conference.

#### FACILITIES OF THE COLLEGE

The facilities of the college include the following buildings:

ADMINISTRATION: Located in the center of the campus, this building houses the offices of the President, the Academic Dean, the Director of Admissions, the Dean of Women, the Dean of Men, and administrative staff. In addition, this building contains such facilities as a student lounge, a cafeteria, library, language laboratories, classrooms, a music instruction center, a closed circuit television studio, and the offices of the Department of Foreign Languages.

HUMANITIES: This building consists of a central structure and two wings. The central part contains biology, physics, and chemistry laboratories, music and humanities classrooms, and offices of the Departments of Mathematics and of Biology and Physical Sciences. One wing contains the college gymnasium, offices of the Department of Health and Physical Education, and the Health Service office. The other wing houses the Little Theatre and a theatre-arts workshop.

EDUCATION: This three-storied building is the oldest college structure and contains classrooms, an art studio, offices of the Departments of Art, Behavioral Sciences, Education, History, and Philosophy, and the College Bookstore.

FACULTY CENTER: This building, the former Governor Allen estate, houses the offices of the Graduate School and the Departments of Music and English.



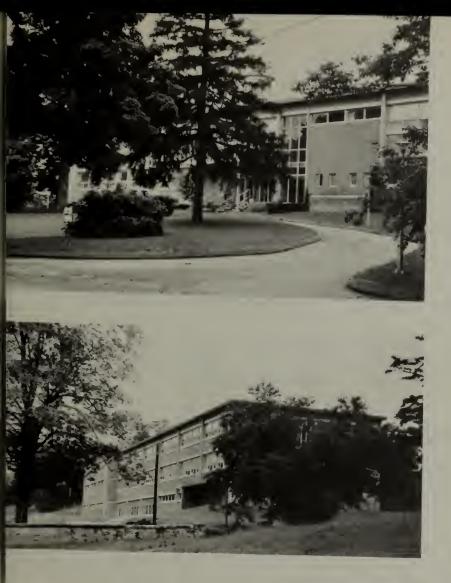


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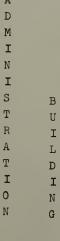
















D I N I N G H A L L

SCIENCE: The newest instructional facility, for which ground was broken in the fall of 1968, contains large lecture halls, class-rooms, laboratories, seminar rooms, offices of the Department of Physical and Biological Sciences, and a botanical greenhouse.

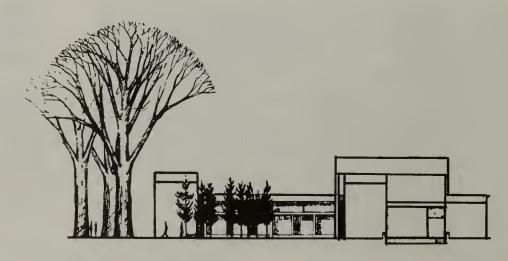
DINING HALL: Ground for this building was broken in the fall of 1968. It contains a student dining hall which augments the cafeteria facilities located in the Administration building.

CONCORDIA HALL: Housing for 180 women students is provided in this high-rise structure which contains 90 single and 45 double rooms. Upon completion of a second dormitory, this building will be used for housing male students.

MAINTENANCE FACILITY: This structure contains the college heating plant, workshops, and offices of the buildings and grounds staff.

LIBRARY-STUDENT UNION BUILDING: This structure, for which funds were requested by the Trustees of the State Colleges in the spring of 1968, will contain ample library facilities to support the anticipated expansion of the college, a student lounge and recreation area, adequate offices and meeting rooms for students and alumni, a post-office, the College Bookstore, and a faculty club.

WOMEN'S DORMITORY: Projected for the fall of 1970, this high-rise structure will accommodate 420 women students.



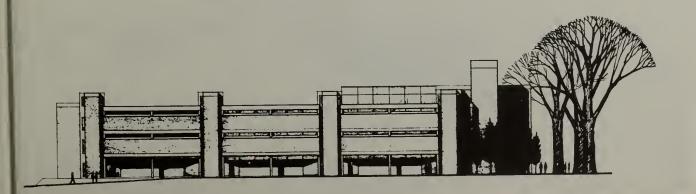
A very important aspect of the college's program is its off-campus facilities for students who are enrolled in degree curricula which prepare for teaching in the elementary and secondary schools.

Professional experiences, including apprentice teaching, are provided in Lowell and in thirty cooperating school systems in Massachusetts.

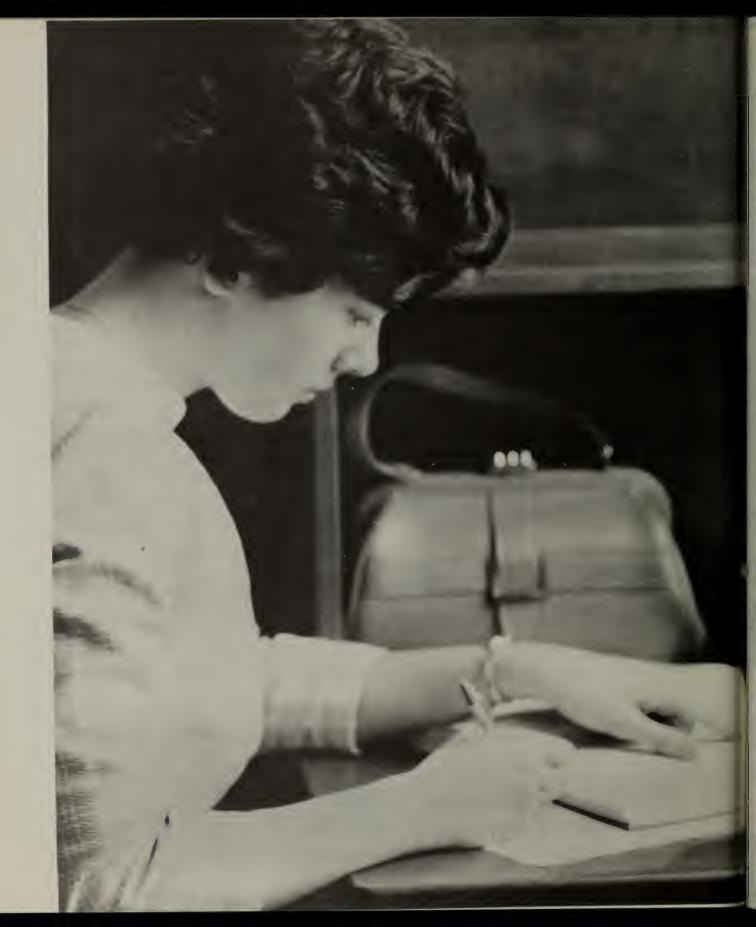
The school systems which cooperate in the Elementary Education apprentice teaching program are: Acton, Andover, Ayer, Bedford, Burlington, Chelmsford, Concord, Dunstable, Groton, Haverhill, Lexington, Littleton, Methuen, North Andover, Pepperell, Salisbury-Newbury, Tewksbury, Tyngsboro, Westford, and Wilmington.

The following school systems cooperate in the Secondary Education apprentice teaching program: Acton, Andover, Ayer, Bedford, Billerica, Burlington, Chelmsford, Concord, Dracut, North Andover, Tewksbury, Wakefield, Westford, Wilmington, and Woburn.

Cooperating in the Music Education apprentice teaching program are the following school systems: Acton, Arlington, Bedford, Billerica, Burlington, Haverhill, Lawrence, Leominster, Maynard, Tewksbury, Weston, Wilmington, and Winchester.



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## UNDERGRADUATE ADMISSION POLICIES

#### APPLICATION PROCEDURES

Candidates for admission to the college should (1) complete the appropriate application forms provided by the Office of Admissions, (2) request high school principals or guidance directors to forward to the Director of Admissions personal character ratings and transcripts of secondary school grades, including grade reports for at least the first quarter of the senior year, and (3) arrange to take the College Entrance Examination Board Scholastic Aptitude Test and appropriate Achievement Tests. Detailed information concerning the College Entrance Examination Board tests and the dates throughout the year on which they will be given may be secured from the Director of Admissions, high school principals or guidance directors, or the Educational Testing Service, Princeton, New Jersey. Information concerning the requirements of college programs for the College Entrance Examination Board Achievement Tests is provided in the following section. Following receipt of application forms, transcripts of high school records, and scores on the Scholastic Aptitude and Achievement Tests, the Director of Admissions will arrange appointments for personal interviews of applicants by appropriate faculty members.

No quotas are used in admissions processes and every applicant is judged on the basis of his individual promise as a student and as a person. Recognition is given to honors courses in evaluating grades, but the Admissions Office is equally interested in subjective evaluations and thus solicits careful reports from counselors, teachers, and staff officers who are personally acquainted with applicants. Through the faculty interviews and school reports, the Admissions Office seeks information on the whole range of interests and accomplishments of applicants. Whether these be artistic, athletic, dramatic, literary, musical, scientific, or a variety of other talents, the Admissions Office seeks promising students whose presence on the campus will be mutually enriching. Strength of character, perseverence, and



maturity are highly desired, especially as they give indications of the leadership potential so vital to those professions for which Lowell State College prepares.

Lowell State College makes a special attempt to attract students from disadvantaged backgrounds through cooperation with the United States Government supported Center for Opportunity for Progress in Education (COPE).

#### REQUIRED ADMISSION EXAMINATIONS

In addition to the College Entrance Examination Board Scholastic Aptitude Test, the following achievement tests are required for the specified programs of the college.

- I. Bachelor of Science in Education: English and <u>two</u> other achievement tests of the applicant's choice.
- 2. Bachelor of Science in Nursing: English, Biology, and Chemistry.
- 3. Bachelor of Arts in Biology: English, Biology, and Mathematics.
- 4. Bachelor of Arts in Education: English, French or Latin, and <u>one</u> other achievement test of the applicant's choice.
- 5. Bachelor of Arts in English: English, Latin or Modern Foreign Language, and one other achievement test of the applicant's choice.
- 6. Bachelor of Arts in French: English, French, and one other achievement test of the applicant's choice.
- 7. Bachelor of Arts in History: English, History, and one other achievement test of the applicant's choice.

- 8. Bachelor of Music-Education and Bachelor of Music: English and one other achievement test of the applicant's choice. Applicants for the Music-Education and Bachelor of Music curricula must also take the following special tests administered at Lowell State College:
  - a. A written test of musical aptitude,
  - b. A written test in basic music theory,
  - c. A memorized vocal or instrumental performance of the applicant's choice (Applicants should bring instrument and music ), and
  - d. A demonstration of ability to sing in tune.

Music aptitude and performance tests will be given four times during the college year. Applicants will not be invited to take the special music tests until all their credentials have been approved by the Director of Admissions.

#### ADVANCED PLACEMENT POLICIES

College credit, advanced placement, and reduction of distributions of the Uniform Academic Requirements of the College are granted on recommendation of the several collegiate departments to entering students who have demonstrated sufficiently strong secondary preparations. The Advanced Placement Tests and Achievement Tests of the College Entrance Examination Board, the National League of Nursing Achievement Tests, the examinations of the College Level Examination Program, Music proficiency tests administered at Lowell by the Department of Music, and school records are the principal criteria used by the collegiate departments in making such recommendations to the Academic Dean.





College credit, advanced placement, and reduction of distributions of the Uniform Academic Requirements of the College generally will be given for scores of "5," "4," and "3" on the College Entrance Examination Board Advanced Placement Tests. Credit will not be given for scores of "2" or "1."

Registered nurses and graduates of diploma or associate degree nursing programs who are interested in applying for advanced credit may take one or more of the College Level Examination Program tests in the following areas: basic chemistry, general psychology, and human growth and development. Some credit for nursing on the sophomore and junior levels may be given upon successful completion of the following National League of Nursing Achievement Tests: nutrition and pharmacology, medical-surgical nursing, and maternal-child nursing.

The case of each applicant for college credit, advanced placement, and reduction of distributions of the Uniform Academic Requirements of the College will be considered individually on its own merits. The several collegiate departments reserve the right to administer special departmental examinations before granting college credit or advanced standing to an entering student. A total of 30 semester hours is the maximum credit which may be granted through advanced placement procedures to any student.

#### TRANSFER POLICIES

Students requesting transfer to Lowell State College from community colleges and from other accredited degree-granting institutions are admitted only if vacancies in degree programs of Lowell State College exist. Preference for admission is based upon the record of each individual transfer applicant as of July 1 of the transfer year. A transfer applicant must meet the general admission standards of Lowell State College and the retention standards of the program to which he seeks admission. Lowell State College will accept credits of "C" or better which are earned

in comparable courses offered by other accredited degree-granting institutions, such comparability being determined by the relevant departments of the college. Baccalaureate degree requirements for all transfer students are determined solely by Lowell State College. Transfer students are not admitted with "conditions." All transfer students must fulfill the minimum resident requirement of one year of full-time study (not less than 30 semester hours) and must be in residence in the academic year immediately preceding the commencement at which degrees are to be conferred.



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# UNDERGRADUATE FINANCIAL INFORMATION

# COLLEGE EXPENSES\*



Application Fee (to accompany application) Acceptance Fee (to be paid within two	\$ 5.00
weeks of notification of acceptance)	20.00
Tuition (residents of Massachusetts)	200.00
Tuition (non-residents of Massachusetts)	600.00
Student Activities Fee	35.00
Athletic Fee	15.00
Books (estimate)	130.00
Music Lessons (music students only)	120.00
Dormitory Housing (women students only)	300.00
Approved Housing (men and women students)	320.00-480.00

There are additional expenses for which the student should plan in estimating his total expenses for each year. These include the cost of a regulation uniform for physical education at approximately \$20.00 (purchased in the freshman year), class fees, and social activities. Non-resident students (those who commute to the college) should also include an estimate of expenses for noon meals and for daily transportation.

The college cafeteria offers the following options for student meals:

- I. I5 meals a week for I7 weeks (Monday through Friday @ \$II per week) \$187.00
- 2. 21 meals a week for 17 weeks
  (@ \$14 per week) 238.00

Freshman rates are slightly higher for the first semester because of the required period for Orientation:

- I. I5 meals a week for I7 I/2 weeks
   (Monday through Friday @ \$II per week) \$192.00
- 2. 21 meals a week for 17 1/2 weeks
  (@ \$14 per week) 245.00

\*All expenses are effective for September, 1968, and are subject to change without notice.

## PAYMENT OF FEES

Students will be permitted to attend classes and to use college facilities only after they have cleared their financial obligations or have made satisfactory arrangements for payment. All fees are payable in advance, on or before the day of registration for each semester. The tuition fee is payable in two installments. Residents of the Commonwealth registered for full-time study must pay \$100.00 at the beginning of each semester. Non-resident students must pay \$300.00 per semester. Students studying on a part-time basis pay in accordance with the above schedules.

The student activities fee of \$35.00 and the athletic fee of \$15.00 are payable in full in September on the day of registration for the first semester. Dormitory fees are paid in three installments, a \$25.00 deposit paid immediately upon notification of room assignment, \$125.00 on the day of registration in September, and \$150.00 on the day of registration for the second semester. The meal charge is paid semi-annually on the day of registration for each semester. The music activities fee of \$120.00 is paid in two equal installments on the day of registration for each semester.



Checks or money orders for payment of application fees, acceptance fees, tuition, and athletic fees must be made payable to Lowell State College. Checks for the student activities fee must be made payable to Student Activities Fund, Lowell State College; checks for the residence meal fee must be made payable to the appropriate food service corporation; and checks for the music activities fee must be made payable to Music Activities Fee, Lowell State College.

#### REFUNDS

Refunds for students withdrawing from the college within six weeks of the beginning of a semester will be granted on the basis of the established schedule of refunds—less the registration, application, athletic, and activities fees.

# FINANCIAL AID

Every student at a Massachusetts state college is a scholar-ship student since the cost to the Commonwealth for a student's education is considerably more than the tuition charged. Although the college does not provide scholarships as such, many students can qualify for Commonwealth Scholarships administered by the Board of Higher Education.

Loans to students are normally administered through three channels: the college, private organizations, and state-guaranteed loan agencies. The college administers such federal programs as the National Defense Student Loan Program, the Federal Nursing Student Program, the Educational Opportunity Program, and the



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Work-Study Program. It also administers two college loan funds established by previous classes of the college: the Student Loan Fund (est. 1899) and the George Anthony Walsh Loan Fund (est. 1953). For all loan and work-opportunity programs, academic merit and financial need are the two chief criteria considered when applications are reviewed. All inquiries concerning loan and work funds administered by the college should be directed to the Director of Financial Aid:



Mr. Leonard Andrusaitis Lowell State College Lowell, Massachusetts 01854

Several private organizations administer student loan programs for qualified students. Church groups, credit unions, labor unions, and service and trust organizations are some of these. Further information on loans from private organizations is available through the high school guidance office.

Another type of loan widely available to students is the State Guaranteed Loan. The determination of financial need for these loans is generally less rigorous than for loans administered by commercial banks and loan agencies. Students from Massachusetts and New Hampshire should solicit information and applications from their local banks.

Commercial loans to students' parents are of two types: commercial bank loans, and those from lending institutions specializing in college loans. Generally, commercial loan plans provide payments either to the college or to parents and guardians of the student, with repayment in equal monthly installments. The length of repayment may vary from one semester through six years. A particularly attractive aspect of many commercial loan plans is the life insurance feature, which assures the uninterrupted availability

of funds for the student to complete his planned education in the event of the disability or death of a parent or guardian. Local banks can provide information concerning such programs.

While commercial banks normally restrict their lending activities to students who reside in their localities, some lending agencies specializing in college loans are nation-wide. While the college does not endorse any particular agency, three prominent New England firms are listed below for the convenience of interested students.

Educational Funds, Inc. 10 Dorrance Street Providence, Rhode Island

Funds for Education 319 Lincoln Street Manchester, New Hampshire

Richard Knight Agency 6 St. James Avenue Boston, Massachusetts



# UNDERGRADUATE ACADEMIC POLICIES

# GRADING SYSTEM

The college is organized on the semester basis. Credits earned for successful completion of a course are expressed in semester hours. One semester hour means approximately one hour of class work and two hours of preparation per week (laboratory and similar courses are an exception).



The quality of the student's work in a course is officially recorded by a letter grade of "A," "B," "C," "D," "P," or "F."

A grade of "A" indicates that the quality of the work done by the student is superior. "B" indicates work which has distinction. "C" indicates work which is satisfactory. "D" indicates work which is passing but unsatisfacotry. "P" indicates passing work. "F" means failure for the course.

An "Incomplete" grade can be assigned only to a course in which the final examination has been missed for a valid reason. A final grade, to eradicate the "Incomplete" status, must be filed with the Academic Dean no later than one month after the date on which the succeeding semester begins, or a grade of "F" will be recorded for the course. Responsibility for removal of the "Incomplete" status rests with the student, who must arrange with the instructor for completion of the course.

At the end of each semester, a report of the grades received in the several courses is mailed to the student.

# ACADEMIC STANDING

Academic standing and eligibility for a degree are determined by the quality of the student's work. To ascertain the student's



academic standing, the college uses a point system. In this system, each letter grade has an equivalent numerical value in points. Thus, a grade of "A" has an equivalent of 4 points; a grade of "B," 3 points; a grade of "C," 2 points; a grade of "D," 1 point; and a grade of "F," 0 points.

The grade-point average is an index of the overall quality of a student's academic achievement. To maintain a satisfactory academic standing, a student must achieve a grade-point aver-

age of 1.5 at the end of the freshman year, a 1.75 at the end of the sophomore year, and a 2.0 at the end of the junior and senior years. He must also achieve a four-year cumulative grade-point average of 2.0 to be eligible for a degree.

Students who do not achieve the required grade-point averages at the end of each year are dismissed from the college for inadequate scholarship.

# "PASS-FAIL" COURSES

Upper class students may take one elective course on a "pass-fail" basis during each of the junior and senior years. Once a student has elected a course on this basis, he may not change his enrollment status. Grades of "P" and "F" are recorded on permanent record cards of students but are not considered for determination of cumulative averages. A grade of "F" indicates that a student has not received credit for a course. A grade of "P" indicates that a student has received credit for a course, that he has satisfied the prerequisite conditions of those courses which specify the elected course as a requirement, and that he may count the elected course for work undertaken for fulfilling those distribution requirements which are not concerned with areas of concentration.

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### COURSE DEFICIENCIES

To remain in good academic standing, a student must not only maintain the required grade-point average or higher but must also pass every course. When a student receives a failure in any course, the grade of "F" can never be removed from the record. If the failure occurs in a prescribed course, he must repeat and pass it. The course must be taken in an approved summer session or, when possible, during the regular academic year. Prerequisite courses, in which "F" grades have been received, must be repeated and passed before the student may take advanced work.

Grade-point averages are not affected by grades for courses subsequently repeated and passed.

# WITHDRAWAL FROM THE COLLEGE

Students desiring to withdraw from the college are required to have a conference with the Academic Dean. If, for any reason, this is not possible, the student must submit a written notification of withdrawal. When withdrawal occurs during the semester, failure to comply with this regulation will necessitate failure of all courses for which the student is enrolled at the time of unauthorized withdrawal. The date on which written notification is received by the Academic Dean becomes the official date of withdrawal and the basis for determining eligibility for tuition refund schedules.





# READMISSION PROCEDURES

Students who withdraw from the college or who are separated for any reason and wish to re-enter must apply through the Office of Admissions. Students who appear ready to resume their programs with profit are generally approved for readmission, subject to space limitations in collegiate programs.

Students who have been dismissed from the college for inadequate scholarship may apply for readmission as "special students on probation" subject to the following regulations. Each student seeking readmission must submit a formal letter of petition to the Administration Committee for Undergraduate Academic Standards which evidences strong justification for readmission to the college as a special student on probation. If such petition is granted by the Administration Committee for Undergraduate Academic Standards, the stu-

dent must repeat all courses in which he received grades of "D" or "F" and must achieve a grade of "C" or better in each repeated course. Reinstatement as a matriculating student is granted the semester following the removal of probationary status. A student who has been granted readmission as a special student on probation may not have the privilege of again petitioning the Adminis - tration Committee for Undergraduate Academic Standards.

#### MATRICULATION

Matriculation is defined as a course of study appropriate to a student's pursuit of a baccalaureate degree which is not less than 30 hours per academic year or which conforms with the recommended course programs for the several degree curricula of the college. The normal course load for a semester's work is 15 hours unless contrary provisions are established by recommended course programs. Students may not enroll for more than 15 hours of course

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work during any semester unless such enrollment is specifically prescribed by recommended course programs and may not enroll for 18 hours for more than two semesters (excluding those semesters with an excess of 15 hours which are prescribed by recommended course programs). Course loads in excess of 18 hours are excessive and will be permitted only with the consent of the Academic Dean and under extraordinary circumstances.



# SPECIAL STUDENTS

Students carrying less than 12 hours of course work during any semester or less than the course loads prescribed by recommended programs, students transferring from one undergraduate program of the college to another and incurring course deficiencies, students transferring from other colleges with course deficiencies, and students dropped from the college and readmitted for probationary periods are classified as "special students." Such students are advised that the college cannot guarantee specific dates for graduation since scheduling conflicts and established annual periods for course offerings sometime prohibit arrangement of required course schedules and early removal of course deficiencies.

#### COLLEGE HONORS

The college publishes each semester a list of students who have achieved distinguished records of "B" or better, awards degrees with honors ("Summa Cum Laude," "Magna Cum Laude," and "Cum Laude"), and confers the Gold Key at commencement upon those seniors who have exhibited distinguished scholastic abilities throughout their four years of undergraduate study. The Lowell State College chapter of the American Association of University Professors also awards graduation gifts and certificates of service to one student from each degree program on the basis of recommendations of the instructional faculty.

The Student Government Association annually awards the Silver Key at commencement ceremonies to as many as four seniors on the basis of outstanding qualities of character, leadership, and loyalty to the college.

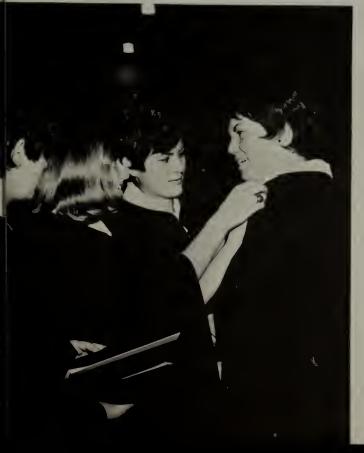


B A C C A L A U R E A T F













# UNDERGRADUATE STUDENT REGULATIONS

# STUDENT BEHAVIOR

Although the officers and faculty of Lowell State College fully subscribe to the view that students should have the power of selfdetermination over their private lives and public conduct and eschew regulating the extra-campus behavior of students, they expect that every student upon enrolling in the college will automatically accept the obligation to comply with college rules and regulations. The expectation is that each student will put forth a genuine effort academically and will disavow such academic offenses as cheating, plagiarism, misuse of equipment, damage to college property and interference with the rights of other students to use collegiate facilities. A student may be dropped from the college, suspended, or expelled for academic or disciplinary reasons if officers of the college or committees of the faculty responsible for academic status and discipline determine that he is not profiting by his attendance or that such action is in the academic interests of the college.





## ATTENDANCE REGULATIONS AND POLICIES FOR MAKE-UP WORK

Regularity in class attendance and performance is necessary for collegiate success and all students are expected to comply with class commitments. Although the college imposes no general attendance regulations, each instructor at the beginning of a course will announce his attendance requirements. An instructor may require official administrative or medical excuses for unattended classes, and at his discretion he may drop or fail a student who has exceeded the number of unexcused class hours delimited by course credit. Course work which is incomplete because of an unexcused absence may be undertaken prior to the end of a semester with the approval of the instructor, the privilege of approving such work being entirely within his discretionary powers. Students who have missed a final examination for any reason whatsoever must receive permission from the Academic Dean to apply to their course instructors for alternative examinations. Permission to complete work after the official end of a semester may be granted only by the Academic Dean.

#### LIBRARY REGULATIONS

The library is located on the main floor of the Administration building and contains a reading room with an adjoining reference section, a reserve book area, an open-shelf stack room, and a



music archives area. The library houses a collection of 60,000 volumes, 350 periodicals, 9,000 phonograph records, 5,000 microforms and microfilms, and limited special collections. The Curriculum Materials Center is also located in the library. This educational resources center contains textbooks for both the elementary and secondary levels, literature for children and adolescents, a test collection, curriculum guides, and other materials of value to students preparing to teach.

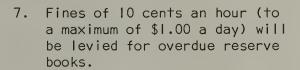
The services of the library include the loan of books, pamphlets, filmstrips, and recordings to registered borrowers. The library staff provides library-orientation periods for classes to point out the important bibliographic tools necessary for basic research. Until the library moves to quarters in a new facility presently under design, student facilities for study and research are limited to 200 spaces at tables and carrels. Accordingly, student observance of library regulations is fundamental to the functioning of library facilities.

Coordination of available library facilities with student needs and administration of the Student Library Fund (which is derived from appropriations allotted by the Student Government Association and from library fines) is the responsibility of the Student Library Committee.

The following regulations are presently in effect for all students of the college:

I. New students should apply for a library card at the beginning of the school year. This card must be presented to the circulation librarian whenever a student wishes to take materials from the library. The library card is valid until graduation or termination of enrollment and is not transferable. The owner of a library card is responsible for all material charged to his card.

- 2. Books may be borrowed for a period of two weeks and may be renewed for an additional period of one week unless they have been requested by other students or faculty members.
- 3. No more than five books may be charged at one time to a student.
- 4. Fines of 5 cents a book are levied for overdue charges.
- 5. Copies of reserve books are to be used for a period of two hours, at which time they may be recharged for an additional hour if other students have not requested them. Students keeping reserve books longer than two hours without permission will be fined 25 cents an hour.
- 6. Reserve books of which the library has more than one copy may circulate after 3 p.m. and are due at 9 a.m. the following day (excluding Sunday).



- 8. Periodicals may not be taken from the library. Students desiring to make extensive use of periodical articles are advised to make copies of the relevant portions of such articles on the self-operated photocopy machine which the Student Government Association has provided for student use.
- 9. Students desiring to use periodicals, filmstrips, or microfilms within the library must secure these materials through the circulation desk.
- 10. PE phonograph records circulate for a one-week period and are





not renewable. PH and PL phonograph records circulate for over-night use only.

- II. Curriculum materials may be used in the library but may not circulate without specific authorization from college instructors.
- 12. Students who owe fines of \$2.00 or more, who retain library materials for three weeks or more beyond their authorized period of circulation, or who retain reserve materials for two days or more beyond their authorized period of circulation shall forfeit their library privileges. A student failing to return books by the beginning of the final examination period will have his grade report withheld until he has been cleared by the librarian.
- 13. Any student who steals or maliciously defaces library property shall forfeit his library privileges indefinately and, upon the recommendation of the Student Council of the Student Government Association, shall be suspended from the college.

# Library hours are as follows:

Monday through Thursday	8:00 a.m. to 10:30 p.m.
Friday	8:00 a.m. to 5:00 p.m.
Saturday	9:00 a.m. to 5:00 p.m.

# PARKING REGULATIONS

All students owning or driving automobiles are required to register their vehicles with the college at the time of registration, or at the time thereafter when vehicles are first driven to the college, and to place parking stickers on the left front window vents of their automobiles. Students who do not display parking stickers will not be permitted to park on college property.

Parking is restricted to areas behind the Humanities building, the student lot at the corner of Wilder and Broadway Streets, and to the student lot adjacent to the Maintenance Facility. Parking on city streets is permitted only on Broadway, Wilder, and Rolfe Streets and is limited to one side. Student parking is not permitted in college driveways, faculty parking lots behind the Education building, the Humanities building, and Administration building, or in front of the Faculty Center.



Residence in Concordia Hall is extended by the college to a limited number of women students only upon their agreement to abide by the following regulations:

# I. Daily Curfew Regulations:

	Sunday-Thursday	Friday-Saturday and the night prior to holidays
Freshmen women	9:30 p.m.	12:30 a.m.
Sophomore women	10:30 p.m.	1:00 a.m.
Junior women	11:00 p.m.	2:00 a.m.
Senior women	11:00 p.m.	2:00 a.m.

Residents must register when leaving and returning from Concordia Hall.

# 2. Weekend Absences from the Dormitory:

- a. Residents wishing to be absent from Concordia Hall on weekends must complete a weekend permission form and give it to dormitory supervisors not later than the Monday preceding the weekend absence.
- b. This form will be mailed to parents for approval and signature and must be returned to dormitory officials before residents may be permitted to leave the campus on weekends.
- c. Residents with parental permission to return home each weekend must file a blanket permission with the Dean of Women. Such permission absolves the Lowell State College of all responsibility for student behavior during the absented periods.

# 3. Special Parietal Rules

- a. Guests of dormitory residents are welcome to visit Concordia Hall after the dinner hour and until II:00 p.m. but are permitted only in the lobby and lounge areas.
- b. Residents of Concordia Hall are forbidden to drink or to possess alcoholic beverages on the dormitory premises.
- c. Smoking is permitted in all dormitory areas except bedrooms.





CONNCCOORDIAA

# UNDERGRADUATE STUDENT SERVICES

# COLLEGE COUNSELING AND HEALTH SERVICES

The college has limited facilities for professional student counseling, but for referral purposes it has access to the Lowell Mental Health Service. A physician is on contract to the college and is available for student physical examinations and for emergency situations. Student problems of a non-medical and non-psychological nature are handled by the Academic Dean, the Deans of Men and Women, spiritual advisors to college religious organizations, and departmental advisors. The college recognizes that collegiate work is often done under conditions of stress, and all faculty members are advised to make themselves available for student conferences should a student so request.

The College Health Service and the administration of the college are not responsible for students who are injured or become ill while on the campus during the college day, or who are



injured while participating in class activities, college sports, or extra-curricular programs. However, special college insurance is available to students at a modest cost for such injuries and the college nursing staff, the college physician, and members of the Health and Physical Education Department will render immediate first aid to the sick or injured until the student can obtain his personal physician or contact his parents. Hospitalization and medical treatment are obtained for the student only upon permission of the student's parent or guardian, and at the expense of the parent or guardian.

Students living in Concordia Hall must notify the College Health Service or the Dean of Women when they are ill and unable to attend classes. If the student's condition warrants, parents are notified to take the student home or to grant permission to transfer the student to a local hospital. No student is permitted to remain in a dormitory room more than twenty-four hours because

of serious illness. All students residing in private homes or apartments of their own choosing are responsible to their parents for their health and safety. The College Health Service is not responsible for students' personal health and safety when the college is not in session. In compliance with Chapter 71, Section 55B, General Laws of the Commonwealth of Massachusetts, the college administers annual tuberculin tests and chest X-rays to all students and faculty.





# STUDENT PLACEMENT SERVICES

Although all students of Lowell State College are qualified to make use of the Placement Service which is operated by the Department of Education of the Commonwealth, the college has assumed responsibility for limited placement services. Four such services are offered by the College, for students in elementary education, music education, secondary education, and nursing. The several placement services are informally operated and cooperatively administered. Since the college has no full-time per-

sonnel assigned to the placement services, they are staffed by members of the instructional faculty concerned with the four programs enumerated above. Placement services are available only for graduating seniors and are not extended to alumni.

# BOOKSTORE

All texts and materials for courses may be purchased in the college bookstore, which is located in the basement of the Education building. Paperback books, dictionaries, class supplies, college insignia, and informal wearing apparel are also on sale in the bookstore.

#### STUDENT MAIL

All student mail is delivered to the office of the Student Government Association in the Administration building. Students who use the college address on their outgoing correspondence should check with the personnel of the Student Government Association for their incoming mail.

# UNDERGRADUATE STUDENT ACTIVITIES

# STUDENT GOVERNMENT ASSOCIATION

Student affairs are under the jurisdiction of the Faculty Senate and an active Student Government Association, the student association being solely responsible for allocating the Student Activity Fee to the several campus organizations. The following is a listing of college organizations generally open to all students.

The Student Government Association is an assembly of all students of the college. The purpose of the association is to promote self-government among its members, to provide for their diverse interests, and to develop awareness of their individual responsibilities as members of a college community.



The governing body of the Student Government Association is the Student Council, which consists of officers elected by the entire student body and representatives from each class. The Student Council meets weekly to conduct its business and to supervise its program. The responsibilities of the Council include the allocation and management of student finances, the development of policies relating to student welfare, and the planning, organizing, and coordinating of all student activities.

## STUDENT PUBLICATIONS

The Advocate is the college newspaper, staffed by student editors who are selected by performance of definite assignments. The newspaper is published regularly throughout the academic year and students have ample opportunity to learn reporting, layout, and all the other skills necessary for supervision of publications in the public schools.

The  $\mathit{Knoll}$  is the college yearbook and, as such, is a permanent record of the events and activities which have taken place on and off the campus during the year. The staff of the  $\mathit{Knoll}$  is elected each year by the students of the college. Through payment



of the Student Government Activities Fee and Class Dues, each senior enrolled in the college is entitled to a free copy of the *Knoll*.

Pegasus is the college journal of the creative arts. This publication seeks to encourage students in the arts of creative thinking and writing. All students in good standing with the Student Government Association are invited to submit material. Pegasus is published twice yearly and is devoted to art, poetry, non-fiction, fiction, music and photography.



# DRAMA AND MUSIC ORGANIZATIONS

The Drama Club offers students of the college opportunities for expression through the dramatic arts and experiences in directing, staging, lighting, and costuming. The Drama Club presents two major and several minor productions each year. Membership is open to all interested students.

The Medieval Drama Club is open to all students interested in reading, reciting, and staging plays in Middle English. Membership is open to all students.

MENC is an active student chapter of the Massachusetts Music Educators Association, an affiliate of the Music Educators National Conference, and sponsors many educational and social functions during the year. In addition to social gatherings and outings, this organization sponsors a major musical production during the spring semester. Membership in the college chapter of this organization entitles students to state and national membership and to a subscription of the *Music Educators Journal*. All music and elementary education majors are eligible to join this organization.

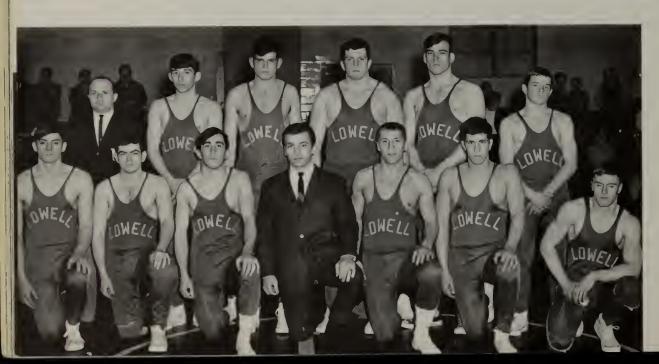
The Jazz Society seeks to promote good music in all modern idioms, to further music self-expression, and to present jazz con-

certs for the enjoyment and appreciation of the college community. Membership is granted in two forms: performing membership for musicians and participating membership for non-musicians who support the society through their non-musical activities. The Jazz Society presents two concerts each year which feature both band and ensemble groups.

# ATHLETIC AND RECREATIONAL ORGANIZATIONS

The Men's Athletic Association seeks to unite the male students of the college for the purpose of athletic and social activities. The programs of the association include intra-mural sports as well as varsity baseball and basketball, an annual dance, banquet, and sports night.

The Women's Recreational Organization seeks to promote a permanent interest in physical recreation through the enjoyment of participation in sports, but in addition to sponsoring women's sports activities, the organization also has an active social schedule and a community service program. The WRO Board is elected by the students of the college in the spring semester of each year.



The Alpine Ski Club seeks to promote good fellowship and a wider interest in skiing for the students of the college. Ski trips to nearby mountain resorts, dances, and social gatherings are some of the events which help to make membership in this organization an attractive social venture. Membership is conferred upon students after payment of dues. Meetings of this club are held monthly.



The Chess Club promotes competition among students of the college through intramural and inter-collegiate levels. Membership is open to all students upon payment of club dues.

## SPECIAL INTEREST ORGANIZATIONS

Hephaestus is a student organization open to any student of the college who is genuinely interested in art. The programs of this organization include exhibitions of student and faculty work in the Whistler House and social events.

The Athenaeum Society is open to all science majors and seeks to promote an interest in science on campus, to provide opportunities for science research, and to assist the science departments of the college in science education.

The Current Issues and Affairs organization is designed to encourage the investigation of current affairs and to provide interested students with the opportunity for presenting their views to fellow students. The organization sponsors public forums, debates, colloquia, and social events.

The Service Club and the Volunteer Service Organization distribute food, clothing, and gifts to disadvantaged families in the Lowell area, to local orphanages, and to the sick, and generally contribute services to the surrounding community whenever the need arises.

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#### RELIGIOUS ORGANIZATIONS

The Hillel Society, which draws membership from the Lowell Technological Institute and Lowell State College, is an organization for Jewish students. Meetings of a religious and social nature are held regularly.

The Iona Fellowship is a religious organization for members of the Lowell Technological Institute and the Lowell State College communities. Although chiefly an organization for members of Protestant religious bodies, the Iona Fellowship is non-denominational. A supper meeting for members is held monthly in addition to periodic religious and social activities.

The Newman Club is composed of interested Catholic students from the Lowell Technological Institute, Lowell State College, and the Lowell General Hospital School of Nursing and other students of these institutions who may wish to participate in the various Newman programs. Folk Masses are held each Sunday at 10 a.m. in the Faculty Center of Lowell State College and at 11:30 a.m. at the Newman Center, 52 Colonial Avenue, Lowell. Daily Mass is held at 12:10 at the Newman Center. Holy Day Masses are at 6 p.m. in the Faculty Center of Lowell State College and at 11:10 and 12:10 at the Newman Center. Various seminars, speakers, films, and discussions are scheduled weekly at the Newman Center and films, live music, entertainment, records and refreshments are provided each Wednesday at 7:30 in the Center basement. Rev. Paul Walsh, the full-time chaplain, is available at the Center each week-day from 11:30 a.m. to 1:30 p.m. and at other times at St. Rita's Rectory, 158 Mammoth Road, Lowell. The Newman Center is open from 11:00 a.m. to 11:00 p.m. each day and all students, regardless of denomination or religious persuasion, are invited to use the library and recreational facilities.

The Phanar Club is open to Eastern Orthodox students from the greater-Lowell colleges. It has as its purpose the fostering of spiritual and intellectual values among its membership through the perpetuation of Christian precepts. Regular religious and social activities are held for members in local churches and affiliated colleges.

# UNDERGRADUATE PROGRAMS OF THE COLLEGE

Basic to the design of all degree curricula are a set of requirements in five areas (English, history, natural sciences, social sciences, and humanities), known as the Uniform Academic Requirements of the College, and a required concentration or area of study. The Uniform Academic Requirements of the College seek to provide an integrative experience for all students of the college, to promote an appreciation for the several modes of conceptualization and methodological procedures of the major academic disciplines, and to develop a basic understanding of our cultural and scientific heritage. Regardless of individual choices of concentrations, all graduates of the college should be capable of interacting with other educated men and women as informed participants in the social process, and accordingly they should develop an appreciation of those arts which record man's insights into his experience, an understanding of those organizations and institutions which are the sources of his social and cultural values, and a realization of the import of scientific developments for his life and his environment. Since education in the broadest sense relates to communal living rather than to private and specialized activity, the Uniform





Academic Requirements of the College have been defined by reference to life processes, historical and social forces, and cultural movements rather than by reference to individual interests, demands, or competences.

The concentrations and areas of study in particular disciplines seek to develop that ability to manipulate specialized concepts and skills with independence and judgment which accrues from study of a particular area of knowledge. The program by which a student achieves his specific educational goals must depend, of course, on his individual interests and needs, but courses of study of necessity must be selected according to such reasoned plans of study as are suggested by program sequences. In developing these sequences, the several departments of the college have operated upon two common assumptions: (a) that isolation of disciplinary concentrations from the context of a general liberal background is conducive to provincialism and on the undergraduate level is educationally unsound and (b) that professional study is more productive when intellectual capacities have been developed within the contexts of particular disciplines. All programs of the college (except the Bachelor of Music curricula, which by nature are highly specialized) require courses in the liberal arts beyond those specified by the Uniform Academic Requirements of the College and outside those of the student's area of concentration, and all professional Education programs require academic specialization, as well as studies of the humanistic and psychological foundations of Education and course work in curriculum, methodology, and teaching.

In accommodating himself to the suggested course sequences of the several degree programs, each student receives advice not only from the Academic Dean, the chairmen of disciplinary departments, and directors of professional programs, but also, and chiefly, from his assigned faculty advisor. Each student is advised, however, that the final responsibility for conforming with professional, departmental, baccalaureate, and collegiate requirements is entirely his own, and no department or program director assumes responsibility for lost student time or failure to graduate because an individual has failed to comply with the several requirements of his program.

In order to conveniently distinguish the different distribution requirements of the undergraduate curricula, the characterizations of collegiate programs which appear on the following pages employ several special terms. The more important terminology is defined below.

An <u>area of specialization</u> refers to baccalaureate majors in Music (Music-Education, Music History, Music Theory and Composition, and Applied Music) and Nursing. Course work which is delimited by areas of specialization is largely determined by the professional expectations of national organizations and accrediting agencies.

An <u>area of concentration</u> refers to baccalaureate majors of 30-45 semester hours of course work in Biology, Education (Early Childhood Education, Middle School Education, and Music-Education), English, French, or History.

An area of study refers to baccalaureate minors in specific disciplinary subjects, interdisciplinary studies, and approved general studies which are required of concentrators in Biology, English, French, and History. An area of study consists of 18 semester hours of course work and may include related courses which are specified by the Unified Academic Requirements of the College. The 21 semester hours of professional courses prescribed by programs in English-education, Foreign Language-education, History-education, and Science-education are also classified as areas of study.

An area of special study refers to baccalaureate minors in specific disciplinary subjects and interdisciplinary studies which are required of concentrators in Early Childhood Education and Middle School Education. An area of special study consists of 18 semester hours of course work. It may not include courses which are specified by the Uniform Academic Requirements of the College but may include related courses which are specified by the required sequence of general studies of Early Childhood Education and Middle School Education programs.

- 1. The Bachelor of Science in Education degree is designed to prepare students for teaching in the first eight grades of the public schools and is offered to interested students in two areas--Early Childhood Education and Middle School Education. Areas of special study available for selection by students enrolled in programs for this degree are Classical Civilization, English, Fine Arts, Foreign Languages, Health, History, Mathematics, and Science. Students electing areas of special study in Classical Civilization or Foreign Languages should consult the language proficiency requirements for the Bachelor of Arts since these areas may qualify students concentrating in elementary education programs for the Bachelor of Arts in Education degree.
- 2. The Bachelor of Science in Nursing degree is designed for students who are interested in a professional nursing career. This degree program includes study in the humanities, the biological and physical sciences, the behavioral sciences, and nursing. Clinical nursing experience is provided in collaboration with three hospitals in Lowell—the Lowell General Hospital, Saint John's Hospital, and Saint Joseph's Hospital. Further clinical nursing experience is provided in collaboration with the Mental Health Center, the Visiting Nurse Association, the Public Health Department, and Tewksbury State Hospital. Satisfactory completion of this degree program qualifies students for the examinations administered by the Massachusetts Board of Registration in Nursing and for graduate study in nursing education, supervision, administration, or clinical specialization.
- 3. The Bachelor of Arts degree provides students with a broad, comprehensive education which integrates several areas of study with a specific concentration. The Bachelor of Arts degree is offered in Biology, Education (Early Childhood Education and Middle



School Education), English, French, and History. Two plans are available for majors in Biology, English, French, and History—Plan A for those interested in teaching in the secondary schools, and Plan B for students interested in pre-law, pre-medical, and other non-teaching fields.

- 4. The Bachelor of Music-Education degree is designed to prepare teachers and supervisors of music in the elementary and secondary schools and presupposes student aptitude and interest in music and commitment to teaching. Music education students are required to select applied music courses each semester for maintaining and developing their music skills and are required to develop minimum standards of performance in piano, in selected orchestral instruments, and in choral, orchestral, and band direction.
- 5. The Bachelor of Music degree is designed for students who wish professional careers in music but who do not choose to teach in the elementary or secondary schools. The music courses of this curriculum are designed to insure abundant opportunities for individual performance, research, and creativity within the context of a sound academic training in music. Individual performance and group performances in symphonic and ensemble orchestras are important aspects of this program of studies.





#### UNIFORM ACADEMIC REQUIREMENTS OF THE COLLEGE

In addition to satisfying the requirements governing one of the five undergraduate degrees, each undergraduate must comply with the basic baccalaureate requirements of the college by completing one year of physical education and by selecting six semester hours of course work in each of the following areas:

Area I	En.101English Composition
English	*En.141Great Books of Antiquity
	En.161Types of Literature
A	

Area II	Hi.101	&	102History of Western
History			Civilization

Area III	Bi.101	& 102General Biology
Natural Sciences	Ch.III	& II2General Chemistry
	Pv.101	& 102Physical Science

Py.101--Physical Science and Py.202--Earth Sciences

Py.103 & 104--General Physics +Ma.203 & 204--Mathematical Analysis

Area IV #Go.101--United States Government Social Sciences Ps.101--General Psychology

So.201--Introduction to Sociological Analysis
Ec.201--The Development of Economic Theory

Ed.202--Political Economy

Ge.101--Principles of Geography

Area V History of Art (Ar.101, Ar.320 courses)
Humanities History of Music (Mu.171, 271, 272, and 371)
Philosophy (any course except Philosophy of Education)

Literature (any literature course offered by the English Department exclusive of those specified under Area I, or any Latin or foreign language literature course on or above the 200 level)

<sup>\*</sup> To be counted only by concentrators in English.

<sup>+</sup> To be counted only by concentrators in Biology.

<sup>#</sup> United States Government is required for all students by the laws of the Commonwealth of Massachusetts.

## ACADEMIC REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

- Satisfactory completion of the courses prescribed for all undergraduate degree candidates by the Uniform Academic Requirements of the College;
- 2. A minimum of 125 semester hours of course work;
- 3. At least a 2.0 ("C") cumulative average in all courses of study;
- 4. A minimum of 6 semester hours of mathematics and 6 semester hours of science, exclusive of the science distribution specified by the Uniform Academic Requirements of the College;
- 5. A concentration in education of 37-39 semester hours, and one area of special study of not less than 18 semester hours, exclusive of the distributions specified by the Uniform Academic Requirements of the College;
- 6. Satisfactory completion of all courses prescribed by the specific curricula in elementary education, compliance with special performance requirements, and adherence to course sequence specifications.

## ACADEMIC REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN NURSING

- I. Satisfactory completion of the courses prescribed for all undergraduate degree candidates by the Uniform Academic Requirements of the College;
- 2. A minimum of 129 semester hourse of course work;
- At least a 2.0 ("C") cumulative average in all courses of study;



- 4. A minimum of 18 semester hours of mathematics and science, exclusive of the science distribution specified by the Uniform Academic Requirements of the College;
- 5. A specialization in nursing of 58 semester hours;
- 6. Satisfactory completion of all courses prescribed by the nursing curriculum, compliance with special performance requirements, and adherence to course sequence specifications.

## ACADEMIC REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

- Satisfactory completion of the courses prescribed for all undergraduate degree candidates by the Uniform Academic Requirements of the College;
- 2. A minimum of 121 semester hours of course work;

- 3. At least a 2.0 ("C") cumulative average in all courses of study;
- 4. An area of concentration of not less than 30 semester hours (nor more than 45 semester hours) exclusive of courses specified by the Uniform Academic Requirements of the College;
- 5. Two areas of study, of not less than 18 semester hours each, selected according to one of the following options:
  - a. Two areas of study selected from among the offerings of two departments or disciplines;
  - b. One area of study selected from among the offerings of one department or discipline and one area of study selected from among such related departmental offerings as are delimited by the social sciences, the sciences, the classics, or the humanities;

- c. One area of study selected from among the offerings of one department or discipline and one area of study selected from among those offerings of the college which may be approved by the student's department of concentration;
- 6. Proficiency in a foreign or classical language at the level demonstrated by one of the following:
  - a. By achieving a satisfactory score on the College Board Achievement Test at the third-year secondary school level;
  - b. By passing, preferably in the freshman year, a proficiency test prepared by the Language Department of Lowell State College, and covering (at the option of the student) either a speaking or a reading knowledge;
  - By passing an intermediate, second-year college course or a more advanced couse in a language previously studied in the secondary school;
  - d. By passing a minimum of 12 semester hours in a single language, the study of which is started at Lowell State College.

## ACADEMIC REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC-EDUCATION

- Satisfactory completion of the courses prescribed for all undergraduate degree candidates by the Uniform Academic Requirements of the College;
- 2. A minimum of 131 semester hours of course work;
- 3. At least a 2.0 ("C") cumulative average in all courses of study;

- 4. An area of music specialization of 58 semester hours (exclusive of music courses specified by the Uniform Academic Requirements of the College);
- 5. A concentration in education of 30 semester hours;
- 6. Satisfactory completion of all courses prescribed by the curriculum, compliance with special performance requirements, satisfactory demonstration of special skills, and adherence to course sequence specifications.

## ACADEMIC REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC

- Satisfactory completion of the courses prescribed for all undergraduate degree candidates by the Uniform Academic Requirements of the College;
- 2. A minimum of 130 semester hours of course work;
- 3. At least a 2.0 ("C") cumulative average in all courses of study;
- 4. A specialization in music of not less than 84 semester hours (exclusive of music courses specified by the Uniform Academic Requirements of the College);
- 5. A minimum of 6 semester hours in an approved foreign language.
- 6. Satisfactory completion of all courses prescribed by the curriculum, compliance with special performance requirements, satisfactory demonstration of special skills, and adherence to course sequence specifications.

A student's performance in a course in apprentice teaching is officially recorded as "P" or "F," supportive evidence of teaching performance being provided in the student's placement folder. All courses in professional specialization and all apprentice teaching courses are open only to students who have been formally admitted to teacher-preparation programs and who have satisfactorily completed all prerequisite courses. As a prerequisite for admission to courses in apprentice teaching, all students must have achieved a cumulative grade-point average of not less than 2.0 in their fields of concentration, must have completed with a grade of "C" or better each course of the required professional specialization sequence specified for the pertinent degree program in teacherpreparation, and must have demonstrated satisfactory written and oral communication skills. No student will be admitted to courses in apprentice teaching who has not achieved the required gradepoint average both at the end of the academic year and at the end of the semester immediately preceding the period established by the several teacher-preparation programs for apprentice teaching. Students who have failed required courses in disciplinary areas of study or concentration must repeat and pass such courses prior to beginning apprentice teaching.





#### COURSE NUMBERING SYSTEM

Each of the course offerings listed in this catalogue is designated by two letters and a number. The letters preceding numbers identify the subjects of courses. The numbers indicate the degree of specialization of courses as described below.

1-100: Non-credit courses.

101-199: Beginning courses not having prerequisites, ordinarily taken by students in the freshman and sophomore years to fulfill the area distributions of the Uniform Academic Requirements of the College or to obtain an introduction to an area of study, an area of special study, or an area of concentration.

201-299: Intermediate courses, restricted in scope but generally having no specific prerequisites, ordinarily taken by sophomore students, especially when the course is in an area of concentration.

301-399: Systematic courses concerned with specialized aspects of a discipline which are ordinarily within areas of study, special study, or concentration but are generally open to upper division students for election within the limitations prescribed by departments of the college; and beginning courses of a professional nature in prescribed professional sequences which require special permission of instructors and/or departments to enter.

401-499: Specialized courses providing intensive analysis of a subject of limited scope ordinarily within areas of study, special study, or concentration which generally are open to upper division students for election only with the consent of instructors or departments; directed reading courses, seminars, and advanced courses in prescribed professional sequences which are not open for general election.

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## DEPARTMENT OF ART

Leo Panas, Chairman

The Department of Art, together with the Department of Music, offers work leading to an area of special study in fine arts for students enrolled in Bachelor of Science in Education programs. An area of special study consists of 18 semester hours of course work but may not include course work in art and music which is completed in partial fulfillment of the area distributions specified by the Uniform Academic Requirements of the College.

#### DEPARTMENTAL COURSE OFFERINGS

Ar. 101 ART OF WESTERN CIVILIZATION

The origins and development of architecture, sculpture, and painting are the main concerns of this study of the key monuments of western art. Selected examples of Greek, Byzantine, Medieval, Renaissance, and Modern art are studied as embodiments of the ever-changing cultural Weltanschauung.

Mr. Panas, Miss Swartz

Three semester hours

Ar. 201 INTRODUCTION TO THE FINE ARTS

A survey lecture-studio course which emphasizes the fundamental relation of music and the visual arts.

Members of the Department

Three semester hours

Ar. 206 ART AND MUSIC EXPERIENCE

A painting course designed to show the formal relationship of music and art. Primarily a studio course involving audio-visual-action experiences.

Mr. Panas, Mr. Plummer

Three semester hours



#### Ar. 211 BASIC DESIGN

An integrated study of two and three-dimensional design principles and how they articulate structure, space, and form. The development of visual ideas that relate to painting, sculpture, graphic arts, and architecture.

Mr. Griffith, Mr. Plummer

Three semester hours

#### Ar. 221 ARTS AND CRAFTS

Investigation and experimentation with craft materials generally considered within the manipulation scope of elementary school pupils working with simple equipment.

Mrs. Pinardi

Three semester hours

#### Ar. 222 CERAMICS

A systematic course emphasizing studio experience using the potter's wheel, firing the kiln, and applying glazes to individually designed pieces.

Mrs. Pinardi, Mr. Plummer

Three semester hours

#### Ar. 223 JEWELRY DESIGN

A practical application of design. Jewelry making using copper enameling, paper mache and wood and silver. Open to all students, but Design I recommended for preparation.

Mr. Plummer

Three semester hours

#### Ar. 231 FABRIC DESIGN I

Fundamental principles of color, line, and form are applied to excellence of design in clothing and accessories. Study of current trends of fashion followed by experimental work in printing, dying, batik, and other techniques as applied to decorative design.

Mr. Griffith

Three semester hours

#### Ar. 232 FABRIC DESIGN II

A continuation of Fabric Design I with emphasis on silk screening. Prerequisite: Febric Design I.

Mr. Griffith

Three semester hours

#### Ar. 241 GRAPHICS I

An introduction to the methods of linoleum and wood block cutting. The approach is creative rather than directed, emphasizing experimentation and exploration in many areas of printmaking.

Mr. Griffith, Miss Swartz

Three semester hours

#### Ar. 251 PAINTING I

Oil painting and related media are taught as a vehicle for serious creative expression. The student is encouraged to explore subjects, styles, and techniques that are of interest to him. Instruction is directed to the individual needs of each student.

Mr. Panas, Mrs. Pinardi, Mr. Plummer

Three semester hours

#### Ar. 301 GRAPHICS II

An introduction to the methods of lithography and etching. Emphasis is on design and printing techniques. Prerequisite: Ar. 241.

Mr. Griffith, Miss Swartz

Three semester hours

#### Ar. 311 PAINTING II

Students showing a high proficiency in painting are given increased freedom to expand their creative expressions. Prerequisite: Ar. 251.

Mrs. Pinardi, Mr. Plummer

Three semester hours



#### Ar. 321 HISTORY OF MODERN ART

A survey in the history of Modern Art from its nineteenth century sources to the present day. Emphasis is on the painting, sculpture, and architecture of Europe and America in the twentieth century.

Miss Swartz

Three semester hours

#### Ar. 323 RENAISSANCE AND ITALIAN PAINTING

A detailed study of the works of such great masters as DaVinci, Michelangelo, Giotto, Giorgione, and Titian, and others of the times. This period has long been considered one of man's greatest adventures in art.

Mr. Panas

Three semester hours

#### Ar. 324 HISTORY OF AMERICAN ART

 $\,$  The history of American art is traced from its European origins to the development of modern contemporary art.

Mr. Panas, Miss Swartz

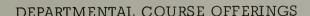
Three semester hours



## DEPARTMENT OF BEHAVIORAL SCIENCES

Shirley Kolack, Chairman

The Department of Behavioral Sciences offers work leading to an area of study for students enrolled in Bachelor of Arts degree programs. An area of study in behavioral sciences consists of 18 semester hours of work, including those behavioral sciences specified by the Uniform Academic Requirements of the College.



Ps. 101 GENERAL PSYCHOLOGY

A study of the dynamics of human behavior, including such factors as perception, emotion, motivation, personality, and social relations.

Members of the Department

Three semester hours

#### Ps. 201 CHILD GROWTH AND DEVELOPMENT

A study of the physical, mental, moral, emotional, social, motor, language and creative development of the child of elementary school age, and of the factors which aid or impede this development. (Also offered as Ed. 301)

Mr. Norris

Three semester hours

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#### Ps. 202 PSYCHOLOGY OF ADOLESCENCE

The dynamics of behavior in adolescence and of changing attitudes and concepts. Individual differences in development and performance are assessed in relation to physical, social, psychological, and moral forces. (Also offered as Ed. 302)

Mr. Scruggs

Three semester hours

#### Ps. 302 EDUCATIONAL PSYCHOLOGY

A study of the learning process with emphasis on an understanding of how children learn. The nature of learning, motivation, development of understanding, tools of learning, evaluation of learning progress, and guidance are probed. Theories of learning are examined in relationship to research material on the learning process. (Also offered as Ed. 303)

Mr. Scruggs

Three semester hours

#### Ps. 309 SOCIAL PSYCHOLOGY

A consideration of the social factors affecting perception-cognitive processes (including person perception), attitude organization and attitude change. Also studied are interpersonal relations, status factors, small group processes, social role behavior, and the entire socialization process.

Members of the Department

Three semester hours

#### Ps. 311 ABNORMAL PSYCHOLOGY

The areas discussed are learning problems, neurotic behavior, psychosis in children, delinquency, brain damage, and retardation. Those aspects of the culture which are relevant are discussed in terms of pathological development.

Members of the Department

Three semester hours

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#### So. 201 IN INTRODUCTION TO SOCIOLOGICAL ANALYSIS

A comparative study of group behavior which is basic to all societies. Attention is given to all major social institutions that comprise the social structure. Empirical studies of small, simple societies as well as material from larger more complex societies are utilized.

Mrs. Kolack

Three semester hours

#### So. 301 CONTEMPORARY SOCIAL PROBLEMS

Pressing issues such as minority group tensions, urban blight, poverty, crime, drug usage and alienated youth movements will be analyzed and discussed. Situational and structural factors that give rise to deviant behavior patterns will be probed. Strategies of social change will be considered and evaluated.

Mrs. Kolack

Three semester hours

#### So. 302 SOCIAL STRATIFICATION

The ranking systems by which all societies evaluate their members will be studied comparatively. Special attention will be given to class, status, and minority groupings, occupational structure and social mobility within the United States.

Mrs. Kolack

Three semester hours



Cf. also Ed. 306--Educational Measurement for the Elementary School and Ed. 307--Educational Measurement for the Secondary School.







# DEPARTMENT OF BIOLOGICAL AND PHYSICAL SCIENCES

Ethel Kamian, Chairman

The Department of Biological and Physical Sciences offers work leading to a concentration in biology for the Bachelor of Arts degree, to an area of study in science for students other than biology concentrators pursuing the Bachelor of Arts degree, and to an area of special study for students enrolled in Bachelor of Science in Education programs.

A concentration in biology consists of 4l semester hours of work in an established sequence of courses and a minimum of 28 semester hours of work in related sciences. Students concentrating in biology are advised to follow the recommended course of study on the following page or to work out acceptable alternative





programs with their advisors. Students arranging individual programs are urged to study the general requirements of the college and the special requirements governing baccalaureate and teacher-preparation programs.

Admission to the professional program in Science-education is by petition only. Students wishing to enter the professional program should petition the Director of Science-education upon completion of the first semester of the junior year for reviews of their academic records. Students accepted into the professional program must elect the following courses during the second semester of the junior year: Ed. 302 and Ed. 307. The follow-

ing courses are open only to students admitted to the professional program in Science-education: Ed. 381 and Ed. 481.

## RECOMMENDED COURSE OF STUDY FOR BIOLOGY CONCENTRATORS

	Plan A	Plan B
Uniform Academic Requirements Approved Course of General Studies	31 sh	31 sh
or Area of Study		12-18 sh#
Unrestricted Elective Courses	12 sh	12-18 sh
Concentration in Biology	41 sh	41 sh
Related Sciences	28 sh	32 sh
Education	<u>21 sh</u>	
	133 sh	134 sh

<sup>#</sup> May include courses specified by the Uniform Academic Requirements



	Plan A	Plan B
Freshman Year		
Area I (En. 101 Composition, En. 161Types of		
Literature) Bi. 105 & 106Prin-	6 sh	6 sh
ciples of Biology Foreign Language or	8 sh	8 sh
electives* Ch. 121 & 122Prin-	6 sh	6 sh
ciples of Chemistry Ch. 127 & 128Prin-	6 sh	6 sh
ciples of Chemistry Laboratory Area III (Ma. 201 &	2 sh	2 sh
202Mathematical Analysis)	6 sh	6 sh
Pe. 101 & 102Physical Education	<u>l sh</u>	<u>l sh</u>
	35 sh	35 sh

### Sophomore Year

Area II (Hi. 101 & 102History of Western		
Civilization)	6 sh	6 sh
Py. 201 & 202Principles of Physics	8 sh	8 sh
Foreign Language or electives*	6 sh	6 sh
Ch. 201 & 202Organic Chemistry	6 sh	6 sh
Ch. 207 & 208Organic Chemistry Laboratory	2 sh	2 sh
Bi. 201Invertebrate Zoology	4 sh	4 sh
Bi. 226Comparative Anatomy	<u>4 sh</u>	_4 sh
	36 sh	36 sh

<sup>\*</sup> Cf. language requirement for the Bachelor of Arts. Students meeting the language requirement in whole or in part through means other than formal course work may elect humanities courses of their choice.





	Plan A	Plan B
Junior Year		
Area V (Literature electives) Area IV (Go. 101United States Government, Ps. 101General Psychology or Social	6 sh	6 sh
Science elective)	6 sh	6 sh
Ch. 321Biochemistry	4 sh	4 sh
Bi. 311Principles of Ecology	4 sh	4 sh
Bi. 321General Physiology	4 sh	4 sh
Bi. 332Genetics	3 sh	3 sh
Bi. 241 & 242Observation-Participation in		
Biological Sciences	2 sh	2 sh *
Ed. 302Psychology of Adolescence	3 sh	
Ed. 307Educational Measurement for the		
Secondary School	3 sh	
Electives		<u>6 sh</u>
	35 sh	35 sh

<sup>\*</sup> Optional course



Senior Year	Pla	an A	Plan B
Ed. 381The Curriculum and Teaching of			
Biology in the Secondary Schools		sh	
Ed. 481Apprentice Teaching of Biology	in		
the Secondary Schools	8	sh	
Ed. 311Philosophy of Education	3	sh	
Ch. 323Analytical Chemistry			4 sh
Electives			l2 sh
Bi. 409History of Biology	2	sh	2 sh
Bi. 419Principles of Evolution	2	sh	2 sh
Bi. 422Plant Physiology	4	sh	4 sh
Bi. 432General Microbiology	4	sh	4 sh
	27	sh	28 sh



### DEPARTMENTAL COURSE OFFERINGS

#### Bi. 101 GENERAL BIOLOGY I

Biological concepts with emphasis on those broad theories which have contributed to the development of biology as a science. Laboratory investigation is an integral part of the course.

Members of the Department Three semester hours

#### Bi. 102 GENERAL BIOLOGY II

Continuation of Bi. 101, with application of the principles to the various organic systems. Laboratory investigation is an integral part of the course. Prerequisite: Bi. 101.

Members of the Department

Three semester hours

#### Bi. 105 PRINCIPLES OF BIOLOGY I

Fundamental principles of biology with emphasis on the features and problems shared by all living things and on the processes by which science progresses. The laboratory acquaints the student with the practical methods that constitute the experimental basis of biology.

Mr. Farina

Four semester hours

#### Bi. 106 PRINCIPLES OF BIOLOGY II

Continuation of an inquiry into the fundamental principles of biological relationships of living organisms: their structure, function, growth, differentiation, reproduction and relation to their environment. Prerequisite: Bi. 105.

Mr. Farina

Four semester hours

### 90

#### Bi. 201 INVERTEBRATE ZOOLOGY

A survey of the phyla of invertebrate animals. A broad spectrum of living and preserved specimens are studied in the laboratory. Prerequisite: Bi. 106.

Mr. Shepherd

Four semester hours

#### Bi. 211 ELEMENTS OF ECOLOGY

Classification of various environmental areas common to our locality as to types and interdependence of comprising organisms. Prerequisite: Bi. 102.

Mr. Lyon

Three semester hours

#### Bi. 214 ELEMENTS OF EVOLUTION

An introduction to the evidences and processes of evolution.

Mr. Lee

Three semester hours

#### Bi. 215 AQUATIC BIOLOGY

An introduction to the physical and biological factors in an aquatic environment. Emphasis is on the flora and fauna of New England.

Mrs. Spielman

Three semester hours

#### Bi. 216 FIELD BOTANY

Collection, preservation and morphology of the major plant groups of New England. Emphasis on field and laboratory work. Prerequisite: Bi. 102.

Mr. Hinckley

Three semester hours







#### Bi. 222 HUMAN PHYSIOLOGY

Fundamental principles will be discussed as a basis for understanding the interrelationship of the various systems in man. Among the topics treated are: the circulatory, digestive, respiratory, excretory, reproductive and endocrine systems. Prerequisite: Bi. 102.

Mr. Farina

Three semester hours

#### Bi. 223 ANATOMY AND PHYSIOLOGY I

A study of the human organism relating structure to function. Includes an introduction, basic study of cells, tissues and anatomy and physiology of the skin, skeleton, muscle, digestive, respiratory, and circulatory systems. Prerequisite: Bi. 102.

Mr. Shepherd

Four semester hours

#### Bi. 224 ANATOMY AND PHYSIOLOGY II

Continuation of Bi. 223. This course includes a study of the urinary, reproductive, endocrine, and the nervous systems. Prerequisite: Bi. 223.

Mr. Shepherd

Four semester hours

#### Bi. 226 COMPARATIVE VERTEBRATE ANATOMY

A study of the basic similarities and differences of the organ systems in the various classes of vertebrates, with reference to the fields of embryology, histology, and paleontology. Representative vertebrates are studied in the laboratory. Prerequisite: Bi. 106.

Mr. Shepherd

Four semester hours

#### Bi. 231 CLINICAL MICROBIOLOGY

The isolation, cultivation and identification of microorganisms of medical importance to man. Prerequisite: \*Bi. 102.

Mr. Farina

Four semester hours

Bi. 241 OBSERVATION-PARTICIPATION IN BIOLOGICAL SCIENCES I

Through observation, preparation of materials, and presentation of demonstrations in Bi. 101 laboratories, the student becomes familiar with the materials and teaching-learning situations in the biological sciences.

Members of the Biology Staff One semester hour

Bi. 242 OBSERVATION-PARTICIPATION IN BIOLOGICAL SCIENCES II

A continuation of Bi. 241, with the students assigned to the Bi. 102 laboratories.

Members of the Biology Staff One semester hour

#### Bi. 311 PRINCIPLES OF ECOLOGY

A study of the interrelationships of organisms with their environment accompanied by field observations and independent research projects. Prerequisite: Bi. 201.

Mr. Lyon

Four semester hours

#### Bi. 321 GENERAL PHYSIOLOGY

A study of the relationship of ultrastructural cellular components to such cell processes as chemical energy transformation, transport, excitation, movement and growth. Prerequisite: Ch. 321; Py. 202.

Mr. Farina

Four semester hours



#### Bi. 332 GENETICS

Study of genetic principles and transmission of hereditary traits. Laboratory investigation and demonstrations are an integral part of the course. Prerequisite: Ch. 321.

Mr. Gonsalves

Three semester hours

#### Bi. 409 HISTORY OF BIOLOGY

A study of the historical development of the biological sciences, gained primarily through readings in the original classical papers. Prerequisite: Senior status.

Mr. Protopapas

Two semester hours

#### Bi. 419 PRINCIPLES OF EVOLUTION

A study of the concepts and mechanisms of evolution.

Mr. Lee

Two semester hours

#### Bi. 422 PLANT PHYSIOLOGY

A critical study of the physiological processes which occur in living plants, with emphasis on the angiosperms. Topics considered are growth and development, water relations, mineral nutrition, respiration, photosynthesis and nitrogen metabolism. Prerequisite: Ch. 321.

Mrs. Kamien

Four semester hours

#### Bi. 432 GENERAL MICROBIOLOGY

The morphology, development and physiology of bacteria and other microorganisms. Emphasis is on such fundamental concepts and techniques as isolation, cultivation, observation, morphology and the physiology and nutrition of bacteria. Prerequisite: Ch. 321.

Mr. Farina

Four semester hours

#### Ch. 111 GENERAL CHEMISTRY I

A survey of the principles of chemistry. The structure of matter, the quantitative aspects of chemical reactions, the periodicity of the elements and solution chemistry.

Mrs. Klee and Members of the Department Three semester hours

#### Ch. 112 GENERAL CHEMISTRY II

A continuation of Ch. 111. The principles of chemistry as relevant to organic molecules and to the components of the living cell. Prerequisite: Ch. 111.

Mrs. Klee and Miss Spicer

Three semester hours

#### Ch. 121 PRINCIPLES OF CHEMISTRY I

Presentation of chemistry as a quantitative experimental science, developing basic chemical concepts and their mathematical relationships.

Mr. Rennert

Three semester hours

#### Ch. 127 PRINCIPLES OF CHEMISTRY LABORATORY I

The basic laboratory skills of quantitative analysis. Must be taken concurrently with Ch. 121.

Mr. Rennert

One semester hour

#### Ch. 122 PRINCIPLES OF CHEMISTRY II

A continuation of Ch. 121 with emphasis on bonding and its chemical consequences. Prerequisite: Ch. 121.

Miss Tanner

Three semester hours



#### Ch. 128 PRINCIPLES OF CHEMISTRY LABORATORY II

Qualitative analysis. A systematic analysis of inorganic compounds with emphasis on the theory of equilibrium and semi-micro laboratory technique. Must be taken concurrently with Ch. 122. Pre-requisite: Ch. 127.

Miss Tanner

One semester hour

#### Ch. 201 ORGANIC CHEMISTRY I

The basic principles and reactions which characterize the behavior of carbon compounds, with emphasis on broad aspects of theory by which the facts of organic chemistry can be deduced. Prerequisite: Ch. 122.

Miss Tanner

Three semester hours

#### Ch. 207 ORGANIC CHEMISTRY LABORATORY I

Techniques, skills and philosophies involved in the synthesis, purification and identification of organic compounds. Must be taken concurrently with Ch. 201. Prerequisite: Ch. 122.

Miss Tanner

One semester hour

#### Ch. 202 ORGANIC CHEMISTRY II

A continuation of Ch. 201. Prerequisite: Ch. 201.

Miss Tanner

Three semester hours

Ch. 208 ORGANIC CHEMISTRY LABORATORY II

Miss Tanner

One semester hour

## Ch. 211 NUTRITION

The chemical constitution of food stuffs and the metabolic processes which accompany digestion, absorption and biosynthesis of the fundamental molecules of living tissue will be considered. Prerequisite: Ch. 112 or 122 or 201.

Miss Spicer

Three semester hours

#### Ch. 321 BIOCHEMISTRY

The chemical constitution, function and interrelationship of the molecules of living organisms will be considered with emphasis on the principles of molecular biology. Prerequisite: Ch. 201 (or equivalent).

Mrs. Klee

Four semester hours

#### Ch. 323 ANALYTICAL CHEMISTRY

The physical chemistry of electrolytic solution will be applied to laboratory problems in quantitative analysis. Prerequisites: Ch. 122 and 128 (or equivalent).

Mrs. Klee and Mr. Rennert

Four semester hours

#### Py. 101 PHYSICAL SCIENCE I

Topics from physics including mechanics, light, electricity, and nuclear science with emphasis on such broad ideas as the principles of conservation and the development of contemporary theories. Course meets for two lecture-demonstration-discussion sessions and two hours of laboratory weekly.

Members of the Department

Three semester hours

#### Py. 102 PHYSICAL SCIENCE II

A survey which seeks to investigate and interpret chemistry for the non-science major.

Miss Spicer and Members of the Department

Three semester hours







#### Py. 103 GENERAL PHYSICS I

Designed especially for non-science majors who wish to concentrate electives in science. Includes light, waves, optics, motion, force, gravitation, momentum conservation, and energy conservation. Meets for two lecture-discussion-demonstration sessions and a two-hour laboratory session weekly.

Mr. Carr

Three semester hours

#### Py. 104 GENERAL PHYSICS II

Continuation of Py. 103. Topics include heat, molecular motion, electric forces and fields, circuits, magnetism, electromagnetic induction, relativity, photons, atomic models, spectra nuclei. Meets for two lecture-discussion-demonstration sessions and a two-hour laboratory session weekly. Prerequisite: Py. 103.

Mr. Carr

Three semester hours

#### Py. 201 PRINCIPLES OF PHYSICS I

Includes motion in one and two dimensions, Newton's laws, laws of conservation of momentum, energy and angular momentum. Simple harmonic motion and simple differential equations of mechanics, calorimetry and heat transfer, thermodynamics and simple applications.

Mr. Wolf

Four semester hours

#### Py. 202 PRINCIPLES OF PHYSICS II

Topics in electricity and magnetism, Gauss's law, Ampere's law and the magnetic field, Faraday's law and the displacement current, electromagnetic waves and physical optics, interference and wave motion, introduction to wave mechanics and quantum phenomena. Nuclear properties and elementary particles.

Mr. Wolf

Four semester hours

#### Py. 212 EARTH SCIENCES

Concepts and principles selected primarily from the fields of geology and astronomy. Some content is also selected from meteorology. Course meets for two lecture-discussion-demonstration sessions and two laboratory, field or astronomical observation hours per week. Prerequisite: Py. 101 (or equivalent).

Mr. Carr

Three semester hours

#### Py. 213 ASTRONOMY

Study of the solar system; its origin; stellar processes, structures, life cycles and systems; atmospheric effects, including some meteorology; celestial coordiante systems; and space travel. Two lecture-discussion-demonstration sessions and a two-hour laboratory period weekly. Prerequisite: Py. 101, 104, or 202.

Mr. Carr

Three semester hours

#### Py. 214 GEOLOGY

An introduction to physical and historical geology including such topics as weathering, surface and sub-surface water, glaciation, rocks, volcanism, earthquakes, mountain-building, structures, fossils, strata, and radioactive dating. Meets for two lecture-discussion-demonstration sessions and two laboratory or field hours per week. Prerequisite: Py. 101 & Py. 102.

Mr. Carr

Three semester hours



## DEPARTMENT OF EDUCATION

Marguerite Gourville, Chairman

The Department of Education offers work leading to the degrees of Bachelor of Arts in Education and Bachelor of Science in Education in two areas of elementary specialization, Early Childhood Education and Middle School Education. In conjunction with other departments, the Department of Education assists in providing Teacher-preparation programs in secondary education and music education. Teacher preparation programs in areas other than Early Childhood Education and Middle School Education are administered by the departments of Biological and Physical Sciences, English, Foreign Languages, History, and Music. Students interested in these programs should consult the relevant academic sections of this catalogue for specific requirements. Recommended courses of study for Early Childhood Education and Middle School Education appear on the following pages.



Areas of special study for programs in Education consist of 18 semester hours of course work, exclusive of the courses specified by the Uniform Academic Requirements of the College. Areas of special study available for students in Early Childhood Education and Middle School Education are listed under the heading "Undergraduate Programs of the College."

Students planning to enter programs for Early Childhood Education and Middle School Education are advised to read carefully the section of the catalogue entitled "College Regulations Governing Teacher-Preparation Programs and Apprentice Teaching" and to note the prerequisites for professional Education courses which are

listed on the following pages under "Departmental Course Offerings." Students who fail to meet the qualitative and quantitative requirements for retention in programs in Education shall be dropped from Bachelor of Arts in Education and Bachelor of Science in Education degree programs, or upon the recommendation of the Chairman of the Department of Education, they shall be advised to repeat previous course work and/or to correct deficiencies through additional course work. Students who have failed to meet the qualitative and quantitative requirements for retention in programs in Education and who have been advised to repeat courses and/or to correct deficiencies through additional work cannot be guaranteed specific dates of graduation.

The program in Elementary Education leading to the degree of Bachelor of Science in Education is available only to students who are members of the graduating classes of 1969 and 1970. The required course of study for the last two years of this program is listed on the following pages for the convenience of these students.





### 101

## RECOMMENDED COURSES OF STUDY

### CONCENTRATION IN EARLY CHILDHOOD EDUCATION

Uniform Academic Requirements	31	sh
Required Course of General Studies	28	sh
Elective Courses	9	sh
Concentration in Education	39	sh
Area of Special Study	_18	sh
	125	sh

## Freshman Year

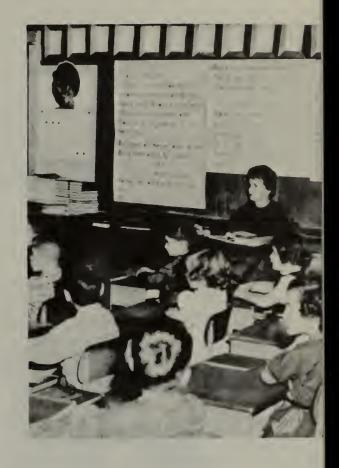
Area I (En. 101Composition, En. 141Types of Literature) Area II (Hi. 101 & 102History of	6 sh
Western Civilization)	6 sh
Area III (Bi. 101 & 102General Biology)	6 sh
Area V (Ar. 101Art of Western	
Civilization, Mu. 171Music of Western Civilization)*	6 sh
Ma. 102 & 103Modern Mathematics	6 sh
Pe. 101 & 102Physical Education	<u>l sh</u>
	31 sh

## Sophomore Year

Area IV (Go. 101United States Government,	
Ps. 101General Psychology)	6 sh
Hi. 161 & 162History of the United States	6 sh
Py. 101 & 102Physical Science	6 sh
En. 221History and Development of the English	
Language or En. 225Grammar and Linguistics	3 sh
Mu. III & II2Music Experiences	4 sh
Ed. 301Child Growth and Development	3 sh
Area of Special Study Courses	6 sh
	34 sh

### Junior Year

El 700 Desire Deserve (en Esple	
Ed. 322Reading Programs for Early Childhood Education	3 sh
Ed. 362Art Programs for Early Childhood Education	2 sh
Ed. 363Music Programs for Early Childhood Education	2 sh
Ed. 364Health and Physical Edu- cation Programs for Early	
Childhood Education	2 sh
Ed. 306Educational Measurement for the Elementary School	3 sh
Ed. 332Language Arts and	
Children's Literature Programs for Early Childhood Education	4 sh
Ed. 365Instructional Materials in Arithmetic, Social Studies and	
Science for Early Childhood Ed.	3 sh
Ed. 452Apprentice Teaching in the Nursery School, Kindergarten,	
First, Second, and Third Grades	8 sh
Area of Special Study Course	3 sh
	30 sh



#### 102

### Senior Year

Ed. 412Seminar in Early Childhood Education Ed. 421Education of Exceptional Children Ed. 312History of Education HI. 424Advances in Health Sciences Area of Special Study Courses* Electives+	3 sh 3 sh 3 sh 3 sh 9 sh 9 sh
	30 sh

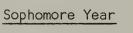
- \* Students electing Latin as part of a program of Classical Studies and students electing Modern Languages choose area of special study courses in the freshman year and fulfill the Area V requirement in the senior year.
- + Students selecting areas of study other than English must elect 6 hours of course work in literature (either in English or in classical and modern foreign languages).

## II CONCENTRATION IN MIDDLE SCHOOL EDUCATION

Uniform Academic Requirements	31 sh
Required Course of General Studies	30 sh
Elective Courses	9 sh
Concentration in Education	37 sh
Area of Special Study	18 sh
	125 ch

## Freshman Year

Area I (En. 101Composition,	
En. 141Types of Literature)	6 sh
Area II (Hi. 101 & 102History of Western Civilization)	6 sh
Area III (Bi. 101 & 102General Biology)	6 sh
Area V (Ar. 101Art of Western Civilization,	
Mu. 171Music of Western Civilization)*	6 sh
Ma. 102 & 103Modern Mathematics	6 sh
Pe. IOI & IO2Physical Education	<u>I sh</u>



Area IV (Go 101United States	
Government, Ps. 101General	
Psychology)	6 sh
Hi. 161 & 162History of the	
United States	6 sh
Py. 101 & 102Physical Science	6 sh
En. 221History and Development of	
the English Language or En. 225	
Grammar and Linguistics	3 sh
Ge. 101Principles of Geography	3 sh
Ed. 301Child Growth and	
Development	3 sh
Area of Special Study Courses	6 sh
	33 sh

31 sh



#### Junior Year

Ed. 323The Teaching of Reading in the Middle School	3	sh
Ed. 333Language Arts and Literature in the Middle School	3	sh
Ed. 343Arithmetic in the Middle School	3	sh
Ed. 353Social Studies and Science in the Middle School	3	sh
Ed. 306Educational Measurement in the Elementary School	3	sh
Ed. 366Instructional Materials in Art, Music, Health		
and Physical Education for the Middle School	3	sh
Ed. 453Apprentice Teaching in the Middle School	8	sh
Area of Special Study Course	3	sh
	00	
	29	sh

#### Senior Year

Ed. 413Seminar in Middle School	
Education	2 sh
Ed. 421Education of Exceptional	
Children	3 sh
Ed. 312History of Education	3 sh
HI. 424Advances in Health	
Sciences	3 sh
Ma. 201Modern Mathematics	3 sh
Area of Special Study Courses*	9 sh
Electives+	9 sh
	32 sh

- \* Students electing Latin as part of a program of Classical Studies and students electing Modern Languages choose area of special study courses in the freshman year and fulfill the Area V requirement in the senior year.
- + Students selecting areas of study other than English must elect 6 hours of course work in literature (either in English or in classical and modern foreign languages).





III CONCENTRATION IN ELEMENTARY EDUCATION (Classes of 1969 and 1970 only)

#### Junior Year

Ed. 321The Teaching of Reading in the Elementary	
School	2 sh
Ed. 331The Teaching of Language Arts in the	
Elementary School	2 sh
Ed. 341The Teaching of Arithmetic in the	
Elementary School	2 sh
Ed. 306Educational Measurement for the	
Elementary School	3 sh
Ed. 312History of Education	3 sh
Ed. 361Instructional Materials in Selected Areas	
of the Elementary Curriculum	5 sh
Ed. 451Apprentice Teaching in the Elementary School	8 sh
Elective	_3 sh
	28 sh

### Senior Year

Ed. 461Seminar in Education	2 9	sh
Ed. 421Education of Exceptional Children	3 9	sh
Ge. 101Principles of Geography	3 9	sh
Go. 101United States Government	3 9	sh
Electives	18 9	sh
	29 9	sh

#### DEPARTMENTAL COURSE OFFERINGS

#### Ed. 301 CHILD GROWTH AND DEVELOPMENT

A study of the physical, mental, emotional, social, motor, language, and creative development of the child of elementary school age, and of the factors which aid or impede such development. (Also offered as Ps. 201)

Mr. Norris

Three semester hours.



#### Ed. 302 PSYCHOLOGY OF ADOLESCENCE

The dynamics of behavior in adolescence and of changing attitudes and concepts. Individual differences in development and performance are assessed in relation to physical, social, psychological, and moral factors. (Also offered as Ps. 202)

Mr. Scruggs

Three semester hours

#### Ed. 303 EDUCATIONAL PSYCHOLOGY

A study of the learning process with emphasis on an understanding of how children learn. The nature of learning, motivation, development of understanding, tools for learning, evaluation of learning progress, and guidance are probed. Theories of learning are examined in relationship to research material on the learning process. (Also offered as Ps. 302)

Mr. Scruggs

Three semester hours

#### Ed. 306 EDUCATIONAL MEASUREMENT FOR THE ELEMENTARY SCHOOL

Considers the nature of measurement and evaluation, its purpose and value to teaching. Surveys teacher-made tests and standardized tests, their construction and some of the fundamental statistical concepts. Techniques of marking, grading, and reporting in the elementary schools are introduced.

Mr. Perry

Three semester hours





#### Ed. 307 EDUCATIONAL MEASUREMENT FOR THE SECONDARY SCHOOL

Considers the nature of measurement, its purpose and value in teaching; the appraisal and use of standardized tests; the construction of the teacher-made test; and basic statistical concepts. Techniques for marking, grading, and reporting in the secondary schools are evaluated.

Mrs. Mancib, Miss McGauvran

Three semester hours

#### Ed. 311 PHILOSOPHY OF EDUCATION

A comparative analysis of selected philosophies and their relationship to educational theory and practice.

Mr. Lawson, Mr. Lyons

Three semester hours

#### Ed. 312 HISTORY OF EDUCATION

A detailed study of the history of education in its cultural settings.

Three semester hours

#### Ed. 321 THE TEACHING OF READING IN THE ELEMENTARY SCHOOL

A critical analysis of fundamental issues and principles in the teaching of reading, including all phases of the elementary reading program. The research in reading and allied disciplines is evaluated in terms of basic and applied values. Prerequisite: Ed. 301, En. 221 or En. 225.

Miss Shannon

Three semester hours

#### Ed. 322 READING PROGRAMS FOR EARLY CHILDHOOD EDUCATION

A critical analysis of fundamental issues and principles in the teaching of reading, including all phases of the reading program for the first three grades. The research in reading and in allied disciplines is evaluated in terms of basic and applied values. Prerequisite: Ed. 301, En. 221 or En. 225.

Miss Shannon

Three semester hours

#### Ed. 323 READING IN THE MIDDLE SCHOOL

A critical analysis of fundamental issues and principles in the teaching of reading, including all phases of the reading program for grades 4 to 8. The research in reading and in allied disciplines is evaluated in terms of basic and applied values. Prerequisite: Ed. 301, En. 221 or En. 225.

Miss Shannon

Three semester hours

#### Ed. 331 THE TEACHING OF LANGUAGE ARTS IN THE ELEMENTARY SCHOOL

Concentrates on the several phases of the English language arts. Systematic attention is given to the scope and sequence of the language program, with emphasis on current practices in the development of skills in listening, speaking, and writing. Prerequisite: Ed. 301.

Miss Kiernan

Two semester hours



# Ed. 332 LANGUAGE ARTS AND CHILDREN'S LITERATURE PROGRAMS FOR EARLY CHILDHOOD EDUCATION

Attention is given to methods and materials to be used in the teaching of the communication arts, including speaking, listening, and writing. Standards for the selection of children's literature of merit and the implications for the use of such literature are considered.

Miss Kiernan

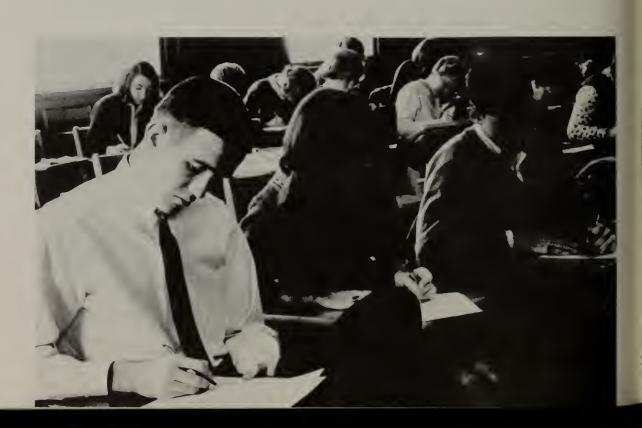
Four semester hours

#### Ed. 333 LANGUAGE ARTS AND LITERATURE IN THE MIDDLE SCHOOL

Instruction in the teaching of language arts provides a study of the needs of children in the communication skills. This study includes methods and materials of teaching oral and written communication, locating and evaluating children's books, and procedures for organizing, teaching, and evaluating a literature program.

Miss Kiernan

Three semester hours



# Ed. 341 THE TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL

The computational and reasoning processes of elementary school mathematics are reviewed with emphasis on activities, materials, and technique's affecting pupil discovery of mathematical concepts, relationships, and generalizations.

Mrs. Kopley

Two semester hours



#### Ed. 343 ARITHMETIC IN THE MIDDLE SCHOOL

This course offers an introduction to the new approach in the teaching of mathematics by providing opportunities to investigate change and innovations. In addition to a survey of contemporary studies, class-room series, programmed materials, multi-sensory aids, and enrichment programs are examined.

Mrs. Kopley

Three semester hours

#### Ed. 353 SOCIAL STUDIES AND SCIENCE IN THE MIDDLE SCHOOL

This course is planned to familiarize the student with the many opportunities for science and social studies experiences in the classroom. Use is made of textbooks, visual aids, and a variety of media as a preparation for guiding pupils in solving problems and making discoveries.

Miss Drinan

Three semester hours

# Ed. 361 INSTRUCTIONAL MATERIALS IN SELECTED AREAS OF THE ELEMENTARY CURRICULUM

This course acquaints the student with the subject matter of the elementary school in art, music, health and physical education, science, and social studies. These areas are examined for correlation between subjects; by comparison and use of textbooks, visual aids, curriculum guides; and through analysis of the techniques best adapted to each subject. Prerequisite: Ed. 301.

Miss Bennett, Miss Drinan (coordinator), Miss Garrity, Mrs. Pinardi

Three semester hours



#### Ed. 362 ART PROGRAMS FOR EARLY CHILDHOOD EDUCATION

The psychology of children's creative art expression provides the base upon which this course is organized. Opportunity is provided for experience with a variety of art media which stimulate the creative ability of children and contribute to learning.

Mrs. Pinardi

Two semester hours

#### Ed. 363 MUSIC PROGRAMS FOR EARLY CHILDHOOD EDUCATION

The emphasis of this course is placed on developing those understandings and skills necessary in teaching children through the five areas of musical experience: singing, listening, rhythmic activity, playing, and creating; and on developing a knowledge of and facility in the use of available materials.

Mr. Fisher, Miss Bennett

Two semester hours

# Ed. 364 HEALTH AND PHYSICAL EDUCATION PROGRAMS FOR EARLY CHILDHOOD EDUCATION

Experience is given in directing those games, rhythmical activities, singing games, posture and body mechanics which contribute to child growth. In the area of health education, emphasis is placed on the organization and content of health services, healthful living, and safety education.

Miss Garrity

Two semester hours

# Ed. 365 INSTRUCTIONAL MATERIALS IN ARITHMETIC, SOCIAL STUDIES, AND SCIENCE FOR EARLY CHILDHOOD EDUCATION

Analysis is made of techniques and materials best adapted for instruction at the early childhood level. Particular attention is given to the use of manipulative material and the variety of media used in teaching arithmetic, social studies, and science.

Miss Cunningham

Three semester hours

#### Ed. 366 INSTRUCTIONAL MATERIALS IN ART, MUSIC, HEALTH, AND PHYSICAL EDUCATION FOR THE MIDDLE SCHOOL

Study is made of the techniques best adapted to teaching these three areas in the middle school through examination of pupils' textbooks, use of visual aids, and manipulation of materials appropriate to the areas of study.

Miss Bennett, Miss Garrity, Mrs. Pinardi Three semester hours

#### Ed. 368 MUSIC IN THE ELEMENTARY SCHOOLS

Develops those skills, understandings, and knowledge of materials necessary in teaching children in the elementary school through the five areas of musical experience: singing, listening, rhythmic activity, playing, and creating.

Mr. Fisher, Miss Bennett

Two semester hours

#### Ed. 375 THE HEALTH CURRICULUM IN THE ELEMENTARY AND SECONDARY SCHOOLS

A study of the total curriculum of health in the schools, with special emphasis placed on curriculum trends in the elementary and secondary programs as well as techniques of curriculum construction. Prerequisite: Hl. 331.

Miss Garrity, Miss Neilson

Three semester hours

#### Ed. 376 THE TEACHING OF HEALTH IN THE ELEMENTARY AND SECONDARY SCHOOLS

Analysis of materials, methods, continuity of concepts used in teaching health in the schools. Observation is required.

Miss Garrity, Miss Neilson

Two semester hours

#### Ed. 378 INSTRUMENTAL MUSIC IN THE SCHOOLS

This course presents procedures and materials which are necessary to fulfill the demands of instrumental music in the public schools.

Mr. Bravo

Two semester hours

#### Ed. 381 THE CURRICULUM AND TEACHING OF BIOLOGY IN THE SECONDARY SCHOOL

An analysis of the methods and materials currently used in teaching the biological sciences. Recent trends in the teaching of biology in the secondary schools are considered, with particular reference to the Biological Sciences Curriculum Study. Observation in secondary schools is required.

Mrs. Kamien

Four semester hours

#### Ed. 382 THE CURRICULUM AND TEACHING OF ENGLISH IN THE SECONDARY SCHOOL

Analyses of the pedagogical implications of the kinds of knowledge imparted through the teaching of literature, composition, grammar and linguistics in the high school, of individual ego-strength and the teaching role, and of the concepts of method for levels of teaching. Introduction to teaching practice is provided through television micro-instruction. Observation in the secondary schools is required.

Mr. Foy

Four semester hours

# Ed. 383 THE CURRICULUM AND TEACHING OF FOREIGN LANGUAGES IN THE SECONDARY SCHOOL

An analysis of the methods and materials currently used in teaching foreign languages. Recent trends in the teaching of foreign languages in the secondary schools are considered, with particular reference to audio-lingual programs. Observation in secondary schools is required.

Mrs. Anderson

Four semester hours

#### Ed. 384 THE CURRICULUM AND TEACHING OF HISTORY IN THE SECONDARY SCHOOL

An analysis is made of the materials and methods of teaching history in the secondary school. Attention is given to recent curricula on the emerging nations as well as on the western world. Observation in the secondary schools is required.

Miss Denning

Four semester hours

#### Ed. 388 THE CURRICULUM AND TEACHING OF MUSIC IN THE SECONDARY SCHOOL

Considers the development of a suitable music program for grades 7 through 12. The major topics include: the application of philosophy of music education to the secondary school; professional relationships; the aims, content, organization, teaching techniques and materials, and evaluation of required and elective courses.

Mr. Gayzagian

Two semester hours

#### Ed. 398 WORKSHOP IN EDUCATION

For the music specialist as he becomes involved with school purposes and policies, team planning and instruction, curriculum, guidance, federal projects, professional ethics and negotiations. Students select study centers and invite consultants to class. Weekly observation and participation in selected schools (K-12) is arranged to coincide with topics under study.

Miss Cunningham

Three semester hours

#### Ed. 421 EDUCATION OF EXCEPTIONAL CHILDREN

The special abilities, characteristics, and reading problems of exceptional children, and the relative merits of programs designed for such children are critically analyzed. Also studied is the problem of disability in reading. Prerequisite: Ed. 321, Ed. 322, or Ed. 323.

Miss Shannon

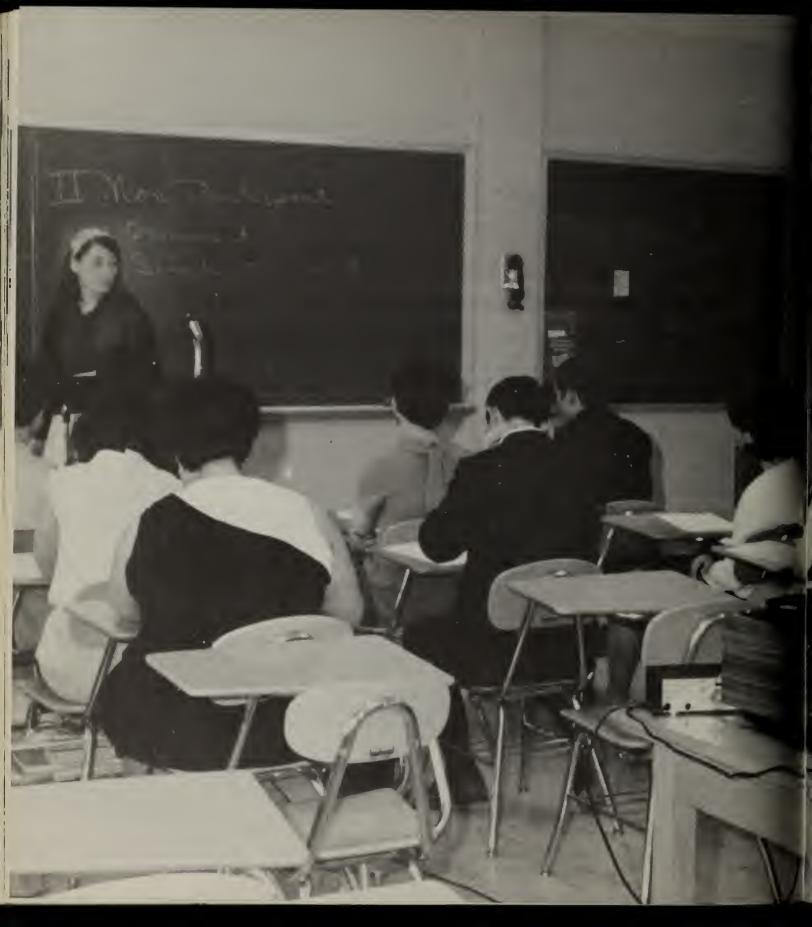
Three semester hours

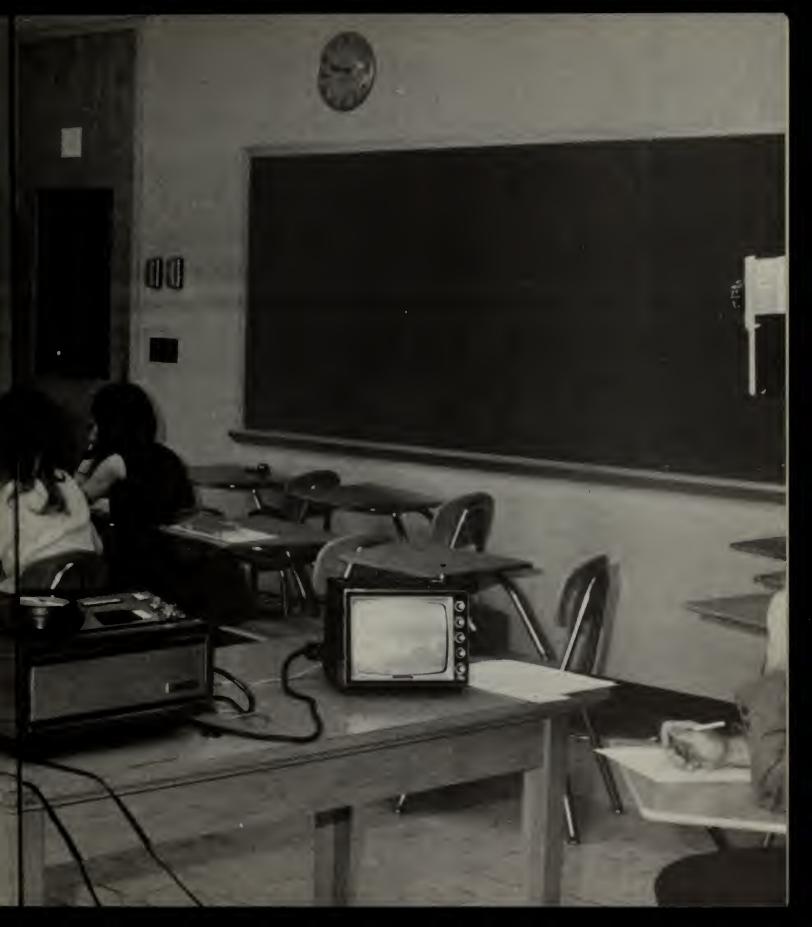
#### Ed. 431 HUMAN RELATIONS AND EDUCATION

Analyzes the problems of major racial and ethnic minorities in their efforts to become assimilated into American culture. Considers the history of these people and the role of the school and the history teacher in developing inter-group understanding. Chiefly for concentrators in history.

Miss Goler

Three semester hours









#### Ed. 451 APPRENTICE TEACHING IN THE ELEMENTARY SCHOOL

Full-time apprentice teaching in the public elementary schools under the supervision of qualified teachers and principals and members of the college faculty. Provides experience for the student in applying and extending his knowledge of and ability in teaching children. Prerequisites: Ed. 301, Ed. 306, Ed. 321, Ed. 331, Ed. 341, Ed. 361.

Members of the Education Department and Affiliated Members

Eight semester hours

# Ed. 452 APPRENTICE TEACHING IN THE NURSERY SCHOOL, KINDERGARTEN, OR GRADES ONE THROUGH THREE

Full-time apprentice teaching in public nursery schools, kindergartens, and the first three grades of public elementary schools under the supervision of qualified teachers and principals and members of the college faculty. Provides experience for the student in applying and extending his knowledge of and ability in teaching children. Prerequisites: Ed. 301, Ed. 306, Ed. 322, Ed. 332, Ed. 362, Ed. 363, Ed. 364, Ed. 365.

Members of the Education Department and Affiliated Members

Eight semester hours

#### Ed. 453 APPRENTICE TEACHING IN THE MIDDLE SCHOOL

Full-time apprentice teaching in grades four through eight of the public elementary schools under the supervision of qualified teachers and principals and members of the college faculty. Provides experience for the student in applying and extending his knowledge of and ability in teaching children. Prerequisites: Ed. 301, Ed. 306, Ed. 323, Ed. 333, Ed. 343, Ed. 353, Ed. 366.

Members of the Education Department and Affiliated Members

Eight semester hours

#### Ed. 458 APPRENTICE TEACHING OF MUSIC IN THE ELEMENTARY SCHOOL

Apprentice teaching of music in public elementary schools under skilled supervision. Provides experience for the student in applying the principles and techniques studied in music and education courses and in using the recommended materials.

Mr. Gayzagian and Members of the Music Department

Four semester hours

#### Ed. 461 SEMINAR IN ELEMENTARY EDUCATION

Ethics, school law, curriculum study, and new trends in elementary education are discussed. The students re-evaluate their professional experiences and some time is devoted to a consideration of the preparation for the first teaching position. Prerequisite: Ed. 451.

Miss Cunningham, Miss Gourville

Two semester hours

#### Ed. 462 SEMINAR IN EARLY CHILDHOOD EDUCATION

Ethics, school law, curriculum study, and new trends in early childhood education are discussed. The students re-evaluate their professional experiences and some time is devoted to a consideration of the preparation for the first teaching position. Prerequisite: Ed. 452.

Miss Cunningham, Miss Gourville

Three semester hours

#### Ed. 463 SEMINAR IN MIDDLE SCHOOL EDUCATION

Ethics, school law, curriculum study, and new trends in the middle school are discussed. The students re-evaluate their professional experiences and some time is devoted to a consideration of the preparation for the first teaching position. Prerequisite: Ed. 453.

Miss Cunningham, Miss Gourville

Two semester hours

Full-time apprentice teaching in public schools under the supervision of qualified teachers and principals and members of the college faculty. Provides experience for the student in applying and extending his knowledge of and ability in the school health program. Prerequisites: Ed. 302, Ed. 375, Ed. 376.

Miss Garrity

Eight semester hours

#### Ed. 481 APPRENTICE TEACHING OF BIOLOGY IN THE SECONDARY SCHOOL

Full-time apprentice teaching in public schools under the supervision of qualified teachers and principals and members of the college faculty. Provides experience for the student in applying and extending his knowledge of and ability in teaching biology. Prerequisites: Ed. 302, Ed. 307, Ed. 381.

Mrs. Kamien

Eight semester hours

#### Ed. 482 APPRENTICE TEACHING OF ENGLISH IN THE SECONDARY SCHOOL

Full-time apprentice teaching in public schools under the suprevision of qualified teachers and principals and members of the college faculty. Provides experience for the student in applying and extending his knowledge of and ability in teaching English. Prerequisites: Ed. 302, Ed. 311, Ed. 382.

Mr. Burto, Miss Caliri, Mr. Foy, Mrs. Guindon, Mr. Kansanniva

Eight semester hours

#### Ed. 488 APPRENTICE TEACHING OF MUSIC IN THE SECONDARY SCHOOL

Apprentice teaching of music in the public secondary schools under skilled supervision. Provides experience for the student in applying the principles and techniques studied in the professional music and education courses.

Mr. Gayzagian and Members of the Music Department

Four semester hours

#### Ed. 498 SUPERVISION OF MUSIC EDUCATION

Examines the role of the director or supervisor of music. The topics studied are: principles of supervision, administrative duties and responsibility for curriculum development, scheduling, evaluating, purchase of equipment and supplies, and professional ethics and affiliations.

Mr. Gayzagian

Three semester hours





## DEPARTMENT OF ENGLISH

William Burto, Chairman

The Department of English offers work leading to a concentration for the Bachelor of Arts degree, to an area of study for biology, French, and history concentrators, and to an area of special study for students pursuing the Bachelor of Science in Education degree.

A concentration in English consists of 30-45 semesters of course work, exclusive of English courses specified by the Uniform Academic Requirements of the College. Concentrators are required to take En. 161, En. 221 or 225, En. 231 & 232, En. 241 & 242, and En. 413. Students planning to teach in the secondary schools are also required to take En. 201 and are urged to take both En. 221 and 225, preferably En. 225. Students concentrating in English are advised to follow the recommended course of study on the following pages or to work out an acceptable alternative program with their advisors. Students arranging alternative courses with their advisors are urged to study the general

requirements of the college and the special requirements governing baccalaureate and teacher-preparation programs.

An area of special study in English for students enrolled in the Bachelor of Science in Education degree must include the following courses: En. 231 & 232, En. 243, and En. 413.

Admission to the professional program in English-education is by petition only. Students wishing to enter the professional

program should petition the Committee for English-education during the last quarter of the first semester of the junior year for reviews of their academic records. Students accepted into the professional program must elect the following courses during the second semester of the junior year: Ed. 302, Ed. 311, and Ed. 382. The following courses are open only to students admitted to the professional program in English-education: Ed. 382 and Ed. 482.

# RECOMMENDED COURSE OF STUDY FOR ENGLISH CONCENTRATORS

	Plan A	Plan B
Uniform Academic Requirements Approved Course of General Studies	31 sh	31 sh
or Area of Study		12-18 sh#
Unrestricted Elective Courses	12-18 sh	15-24 sh
Concentration in English	36 <b>-</b> 45 sh	30 <b>-</b> 45 sh
Related Area of Study	12-18 sh#	12-18 sh#
Education	21 sh	
	124 sh	121 sh

# May include courses specified by the Uniform Academic Requirements.

#### Freshman Year

Area I (En. 101Composition, En. 141Great Books of Antiquity) Area II (Hi. 101 & 102History of	6 sh	6 sh
Western Civilization)	6 sh	6 ah
Area III (Natural Science electives)	6 sh	6 sh
Foreign Language or electives*	6 sh	6 sh
En. 161Types of Literature En. 221History and Development of	3 sh	3 sh
the English Language or elective	3 sh	3 sh
Pe. 101 & 102Physical Education	<u>l sh</u>	<u>l sh</u>
	31 sh	31 sh





	Plan A	Plan B
Sophomore Year		
Area IV (Go. 101United States Government, Ps. 101General Psychology or Social		
Science elective) Area V (History of Art or History of	6 sh	6 sh
Music elective, Philosophy elective) En. 231 & 232History of English	6 sh	6 sh
Literature En. 241 & 242History of American	6 sh	6 sh
Literature	6 sh	6 sh
Foreign Language or electives*	6 sh	<u>6 sh</u>
	30 sh	30 sh
Junior Year		
En. 225Grammar and Linguistics or		
English elective	3 sh	3 sh
En. 413Shakespeare I	3 sh	3 sh
En. 201Expository Analysis	3 sh	
Ed. 302Psychology of Adolescence	3 sh	
Ed. 311Philosophy of Education	3 sh	
Ed. 382The Curriculum and Teaching	4 - L	
of English in the Secondary School	4 sh	6 - 1
English electives	6 sh	6 sh
Electives	<u>6 sh</u>	18 sh
	31 sh	30 sh

	Plan A	Plan B
Senior Year		
Ed. 307Educational Measurement for		
the Secondary School	3 sh	
Ed. 482Apprentice Teaching of English		
in the Secondary School	8 sh	
En. 261Literature for the Adolescent,		
En. 301Stylistics and Composition		
or En. 482Directed Studies in		
Language Analysis, En. 481Directed		
Studies in Literature (Any two courses in this group)	6 sh	
Electives	15 sh	30 sh
LIGUTIVES	17 511	20 511
	32 sh	30 sh

\* Cf. language requirement for the Bachelor of Arts. Students meeting the language requirement in whole or in part through means other than formal course work may select courses of their choice.



#### DEPARTMENTAL COURSE OFFERINGS

#### En. 101 ENGLISH COMPOSITION

The study and application of the principles of effective writing. Develops awareness of diction, style, and grammatical usage.

Members of the Department

Three semester hours

#### En. 141 GREAT BOOKS OF ANTIQUITY

The study of man's relationship to God, to society, to individuals, and his attempts to discover his own nature forms the basis for an examination of representative works from the literature of Antiquity.

Members of the Department

Three semester hours

#### En. 142 GREAT BOOKS OF THE MIDDLE AGES AND RENAISSANCE

The study of man's relationship to God, to society, to nature, and his attempts to discover his own potential is continued through an examination of representative selections from the literature of the Medieval world to the end of the Renaissance.

Members of the Department

Three semester hours

#### En. 143 GREAT BOOKS OF THE ENLIGHTENMENT TO THE PRESENT

A continuation of the study of those concepts fundamental to human life and thought through an examination of representative selections from the literature of the Enlightenment to the present time.

Members of the Department

Three semester hours

#### En. 144 LITERATURE OF THE BIBLE

A literary and historical approach to selected books of the old and new testaments with some attention to mythological, typological, archetypal and scientific (archaeological and anthropological) interpretation.

Mrs. Guindon

Three semester hours

#### En. 151 CONTINENTAL FICTION IN TRANSLATION

Reading and discussion of stories and novels by such authors as Tolstoy, Dostoyevsky, Flaubert, Stendhal, Proust, Gide, Mann, Kafka, Malraux, and Camus.

Mr. Haber

Three semester hours

#### En. 161 TYPES OF LITERATURE

A study is made of the accepted literary types, illustrated with selections from world literature.

Members of the Department

Three semester hours

#### En. 201 EXPOSITORY ANALYSIS

An intensive investigation and application of the principles of modern exposition to college writing.

Mrs. Guindon, Mr. Zaitchik

Three semester hours

#### En. 205 JOURNALISM

A survey designed to familiarize the student with the role of the press in modern society, to introduce him to problems of style and structure in news stories, and to afford practice in copy editing, news analysis, and feature writing.

Miss Caliri

Three semester hours

#### En. 221 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE

Examines English from an historical perspective as a basis for understanding the English language as it is now spoken and written. Studies the origin and development of English through phonetic, lexical, syntactical, and semantic shifts in the language from its beginnings to the present.

Mr. Kansanniva, Mr. McLaughlin

Three semester hours



#### En. 225 GRAMMAR AND LINGUISTICS

Investigates the aims of grammatical and linguistic studies and the several meanings of grammar and examines the contemporary notions of structure, system, relation, and process. Students are expected to develop competency in phonological, traditional, and transformational analysis of English.

Mr. Hascall

Three semester hours

#### En. 226 HISTORY OF LINGUISTICS

A study of the development of linguistic theory from antiquity to the present with specific attention given to the grammatical theories of Plato, Aristotle, the Stoics, the Modistae, the universal grammarians, de Saussure, Bloomfield, Hjelmslev, and Chomsky. Emphasis is upon the emerging notion of grammaticality.

Mr. Foy

Three semester hours

#### En. 231 HISTORY OF ENGLISH LITERATURE I

The historical development of English literature from the beginnings to 1800. Selected works by representative authors from each period are studied.

Mr. Burto, Mr. Friedman

Three semester hours

#### En. 232 HISTORY OF ENGLISH LITERATURE II

The historical development of English literature from 1800 to the present. Selected works by representative authors from each period are studied.

Mr. Burto, Mr. Friedman

Three semester hours

#### En. 241 HISTORY OF AMERICAN LITERATURE I

The historical development of American literature from the Colonial Period to the Civil War. Selected works by representative authors from each period are studied.

Mr. Liggera, Mr. Zaitchik

Three semester hours

#### En. 242 HISTORY OF AMERICAN LITERATURE II

The historical development of American literature from the Civil War to the present time. Selected works by representative authors are studied.

Mr. Liggera, Mr. Zaitchik

Three semester hours

#### En. 243 MAJOR AMERICAN WRITERS

Reading and discussion of such major American writers as Poe, Cooper, Hawthorne, Melville, Whitman, Emerson, Dickinson, and Frost.

Mr. Foy

Three semester hours

#### En. 251 LITERATURE FOR THE ADOLESCENT

A study of literature for the adolescent, aimed at supplementing the required reading in the secondary school. Attention is given to the historical development of the literature for that age as well as to the contemporary trends.

Miss Caliri

Three semester hours

#### En. 281 STAGECRAFT

A functional approach to the study of theater arts. Participation in such workshop activity as scenery designing, building, painting, and lighting translates theory into practice.

Mr. Kansanniya

Three semester hours

#### En. 282 ACTING

Studies and exercises in the elements and methods of acting. Projects are undertaken with an eye to public productions at the end of the semester.

Mr. Tillson

Three semester hours



En. 283 DIRECTING

Studies and exercises in the methods of rehearsal, coaching, and directorial approaches. Students will be responsible for directing short plays at the end of the semester. Prerequisite: En. 282 and permission of the instructor.

Mr. Tillson

Three semester hours

En. 301 STYLISTICS AND COMPOSITION

An investigation of literary, linguistic, and rhetorical approaches to composition and a study of theories of style and their implications for the teaching of composition. Students will participate with members of the English Department in En. 101.

Mr. Foy, Mrs. Guindon

Three semester hours

En. 302 WRITING OF POETRY

A workshop in verse writing. Students will write and evaluate one poem or assigned exercise per week. No prerequisites, but enrollment limited. Evidence of earlier work should be submitted. Text: Bafette Deutsch, <u>Poetry Handbook</u>.

Mr. Gerst

Three semester hours

En. 303 SHORT STORY WRITING

Practice in the writing of short fiction; analysis of professional writing and professional novelists. Enrollment limited.

Mr. Zaitchik

Three semester hours

En. 318 THE ORAL EPIC

An intensive study of epic forms and techniques from antiquity through the middle ages. Readings will be drawn from the following:

The <u>Iliad</u>, the <u>Odyssey</u>, the <u>Song of Roland</u>, <u>Beowulf</u>, the <u>Volsungasaga</u>, the <u>Niebelungenlied</u>, and the <u>Epic of Gilgamesh</u>.

Mrs. Guindon, Mr. Foy

Three semester hours

#### En. 321 ENGLISH LITERATURE OF THE MIDDLE AGES

Representative selections from the medieval period are studied, including the characteristic types: epic, lyric, chivalric romance, drama, fabliaux and ballards. Concentration is on the miracle, mystery, and morality plays; Sir Gawain and the Green Knight; Langland (Piers Plowman); Gower (Confessio Amantis); Chaucer (Troilus and Criseyde); and Malory (The Morte d'Arthur).

Miss Caliri

Three semester hours

#### En. 322 ENGLISH LITERATURE OF THE SIXTEENTH CENTURY

A study of the major writers of the Tudor Period from Skelton to Bacon.

Mr. Friedman

Three semester hours

#### En. 323 ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY

A study of the major seventeenth century writers of prose and poetry against the philosophical and political background of the period. Particular attention is given to Bacon, Donne and the Metaphysical Poets, Milton, Dryden, and the Restoration comic dramatists.

Mr. Friedman

Three semester hours

#### En. 324 ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY

An examination of the Augustan Age; its ironic prose, satiric poetry, and social criticism exemplified by Swift, Pope, Addison, Steele. A study of the later Neoclassical period: the writings of Johnson; the Gothic Romance developed by Walpole, Radcliffe, and Austen; the beginnings of Romantic poetry in Collins, Gray, Cowper, Burns.

Mr. Boulukos

Three semester hours





#### En. 326 LITERATURE OF THE VICTORIAN PERIOD

A critical and historical study of the major writers of the Victorian Period in England. Both poetry and prose writers are considered, from Tennyson and Carlyle to the early Yeats and Pater.

Mrs. Guindon

Three semester hours

#### En. 327 POETRY OF THE LATER VICTORIAN PERIOD

A critical and historical study of the poetry of the Victorian Period exclusive of Tennyson, Browning and Arnold. The Pre-Raphaelite Brotherhood, the Aesthetic Movement, the Mauve Decade, the Edwardians, and the Georgians will be covered.

Mrs. Guindon

Three semester hours

#### En. 329 MODERN BRITISH LITERATURE

Reading and discussion of the work of such writers as Shaw, James, Conrad, Joyce, Lawrence, Yeats, and Eliot.

Mr. Haber

Three semester hours

#### En. 343 ENGLISH ROMANTIC POETRY

A study of Romanticism as seen through the writings of its major poets. Special attention is given to Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

Mr. Layden, Mrs. Guindon

Three semester hours

#### En. 346 THE EIGHTEENTH CENTURY ENGLISH NOVEL

Reading and discussion of novels by such authors as Defoe, Richardson, Fielding, Smollet, Sterne, Scott, Goldsmith, Walpole, Radcliffe, Burney, and Austen.

Mr. Haber

Three semester hours

#### En. 347 THE NINETEENTH CENTURY ENGLISH NOVEL

Reading and discussion of novels by such authors as Austen, the Brontes, Dickens, Thackeray, Trollope, Eliot, Meredith, Hardy, and James.

Mr. Haber, Mr. Layden

Three semester hours

#### En. 348 THE TWENTIETH CENTURY ENGLISH NOVEL

Reading and discussion of novels by such authors as James, Conrad, Forster, Woolf, Joyce, Lawrence, Huxley, Waugh, Greene, and Orwell.

Mr. Haber

Three semester hours

#### En. 352 AMERICAN REALISM

An examination of the writer's response to social, economic, and psychological changes in American society from 1865 to the present. Special attention to Twain, Crane, Stein, Hemingway. No prerequisites. Short papers. Detailed analysis and discussion of special works.

Mr. Liggera

Three semester hours

#### En. 357 HISTORY OF THE AMERICAN NOVEL

A systematic and detailed study of the development of the American novel within its historical and intellectual contexts. Examples are taken from the works of Brown, Cooper, Hawthorne, Melville, Howells, James, Dreiser, Steinbeck, Wolfe, Hemingway, and Faulkner.

Mr. Zaitchik

Three semester hours

#### En. 364 BRITISH AND AMERICAN POETRY OF THE TWENTIETH CENTURY

A critical and historical study of the major poets of the twentieth century. Detailed consideration is given to the works of Auden, Eliot, Frost, and Yeats.

Mr. Burto

Three semester hours



#### En. 367 MODERN BRITISH AND AMERICAN FICTION

Primarily a critical study of the development of the modern short story and novel in England, Ireland, and America. Among the authors studied are James, Conrad, Joyce, Woolf, Hemingway, and Faulkner.

Mr. Burto, Mr. Haber

Three semester hours

#### En. 371 THE LITERARY UTOPIA

A study of the utopic as a genre: its stylistic techniques, causes, and philosophy. Included for reading and discussion are Plato's Republic, Machiavelli's Prince, Butler's Erewhon, Augustine's City of God, More's Utopia, Morris' News from Nowhere, Bellamy's Looking Backward, Huxley's Brave New World, Orwell's 1984, and Zamiatin's We.

Mrs. Chandonnet

Three semester hours

#### En. 377 MAJOR THEMES IN THE LITERATURE OF THE RENAISSANCE

An investigation of the concepts of the "fool," the "wise man," and the "artist" in the works of major literary figures of the Renaissance before Shakespeare. The authors studied include Bocaccio, Castiglione, Cellini, Cervantes, Rabelais, Montaigne, Erasmus, More, Spenser, and Sidney.

Mr. Foy

Three semester hours

#### En. 381 TRAGEDY

An intensive study of the theory and practice of tragedy, from Aeschylus and Aristotle to Camus and Arthur Miller. Both plays and novels are considered.

Mr. Burto, Mr. Friedman

Three semester hours

En. 382 COMEDY

A study of comic theory and drama from Aristophanes to Ionesco.

Mr. Friedman

Three semester hours

#### En. 383 ENGLISH DRAMA TO 1642

A detailed study of the development of English drama (excluding Shakespeare) through the medieval, Elizabethan, and Jacobean periods. Readings include examples from the cycle plays, the moralities, Heywood, Lyly, Kyd, Jonson, Marlowe, Greene, Marston, Dekker, Beaumont and Fletcher, Ford, Webster, and Shirley.

Mr. Tillson

Three semester hours

#### En. 384 ELIZABETHAN AND JACOBEAN DRAMA

A survey of the plays of Shakespeare's contemporaries and those who came immediately after: Marlowe, Chapman, Beaumont and Fletcher, Marston, Jonson, Massinger, Webster, and Ford.

Mr. Landman

Three semester hours

#### En. 388 MODERN DRAMA

A critical study of the ideals, motives, and problems of modern life as revealed through the methods and types of modern European and American drama from Ibsen through Miller.

Mrs. Chandonnet, Mr. Tillson

Three semester hours

#### En. 389 MAIN CURRENTS OF MODERN DRAMA

A study of the main currents of modern drama from Buchner to the Absurdists.

Mr. Friedman

Three semester hours

#### En. 392 SHAKESPEARE IN PERFORMANCE

A study of Shakespearean production from the seventeenth century to modern times as reflections of the literary, dramatic, and social values of their eras.

Mr. Friedman

Three semester hours



#### En. 401 READINGS IN MIDDLE ENGLISH

Selected readings mainly from the fourteenth century and including the Harley lyrics, <u>Sir Gawain and the Grene Knight</u>, and the plays of the Wakefield Master. Prerequisite: En. 221.

Mr. McLaughlin

Three semester hours

En. 411 CHAUCER

An intensive reading of selected works, approximately in chronological order, beginning with <u>The Boke of the Duchess</u> and ending with <u>The Tales of Canterbury</u>. Prerequisite: En. 221.

Mr. McLaughlin

Three semester hours

En. 412 SPENSER

A study of the major works of Spenser with special emphasis upon the  $\underline{\text{Faerie Queene}}$ .

Mr. Friedman

Three semester hours

En. 413 SHAKESPEARE I

Interpretation is made of a selected number of the plays, including examples of the histories, tragedies, and comedies, to show the depth of the writer's insights into human values and the variety and scope of his mind and art.

Mr. Burto, Miss Caliri

Three semester hours

En. 414 SHAKESPEARE II

Interpretation is made of a selected number of plays not studied in En. 412.

Mr. Burto

Three semester hours

En. 415 MILTON

The thought and expression of Milton's poetry and prose are studied against the background of seventeenth-century England.

Mr. Zaitchik

Three semester hours

En. 421 ARNOLD AND NEWMAN

An intensive study of the works of Arnold and Newman (both prose and poetry) as major contributions to nineteenth century thought with particular emphasis on their ideas and attitudes concerning religion, education, literature, and literary criticism.

Mrs. Guindon

Three semester hours

En. 424 SHAW

Reading and discussion of the major plays as well as the author's social, political, philosophical and critical writings.

Mr. Haber

Three semester hours

En. 425 CONRAD

Reading and discussion of the major novels and stories.

Mr. Haber

Three semester hours

En. 426 JAMES JOYCE

A critical study of selected works by James Joyce. Included for reading and discussion are  $\underline{\text{The Dubliners}}$ ,  $\underline{\text{A Portrait of the Artist as}}$  a Young Man, and  $\underline{\text{Ulysses}}$ .

Mr. Gerst

Three semester hours



The major ideas and literary techniques of Emerson and Hawthorne are examined within the context of nineteenth century America.

Mr. Zaitchik

Three semester hours

En. 434 MELVILLE AND WHITMAN

The major ideas and literary techniques of Melville and Whitman are examined within the context of nineteenth century America.

Mr. Zaitchik

Three semester hours

En. 441 JAMES

Reading and discussion of the major novels and stories.

Mr. Haber

Three semester hours

En. 471 LITERARY CRITICISM

Major theories of literary criticism with particular attention to the critical theory of the twentieth century and to the problem of conflict between the creative act of the critic and the imaginative act of the artist.

Mr. Foy

Three semester hours

En. 472 HISTORY OF LITERARY CRITICISM I

Studies in classical, medieval, and renaissance critical theory: Plato to Milton.

Mr. Haber

Three semester hours

#### En. 473 HISTORY OF LITERARY CRITICISM II

Studies in critical theory since the Restoration: Johnson, Coleridge, Arnold, and Eliot.

Mr. Haber

Three semester hours

#### En. 491 DIRECTED STUDIES IN LITERATURE

The student, through regular and frequent consultation with his instructor, develops a course of directed reading in literature and defines a problem for individual research. The student's findings are presented in a paper of significant proportions.

Members of the Department

Three semester hours

#### En. 492 DIRECTED STUDIES IN LANGUAGE ANALYSIS

The student, through regular and frequent consultation with his instructor, develops a course of directed reading in linguistics, semantics, or stylistics and defines a problem for individual research. The student's findings are presented in a paper of significant proportions.

Members of the Department

Three semester hours





# DEPARTMENT OF FOREIGN LANGUAGES

Domenic Procopio, Acting Chairman

The Department of Foreign Languages offers work leading to a concentration in French for the Bachelor of Arts degree, to an area of study for other concentrators of the Bachelor of Arts degree program, and to an area of special study for students pursuing the Bachelor of Science in Education degree. Areas of study and areas of special study are available in the following languages: French, German, Latin, Greek, and Spanish. Work toward the interdisciplinary area of study and area of special study in classical civilization is partially carried out under the jurisdiction of this department. An area of study and an area of special study in classical civilization consists of 18 semester hours of course work selected from among the following courses:

Hi. 206, Hi. 207, Hi. 208, Hi. 305, Hi. 346, Hi. 347 Cl. 151, Cl. 152, Cl. 201, Cl. 202, Cl. 401, Cl. 402 Gk. 151, Gk. 152, Gk. 201, Gk. 202, Gk. 301, Gk. 302 La. 151, La. 152, La. 201, La. 202, La. 301, La. 302 Ph. 301, Ph. 302

A concentration in French consists of 37-45 semester hours of course work in an established sequence of courses. French concentrators are required to select a second area of language study from among the offerings of the department. No less than 18 hours

in a single second language may be selected to fulfill this requirement. Students concentrating in French are advised to follow the recommended course of study on the following pages or to work out acceptable alternative programs with their advisors. Students arranging individual programs are urged to study the general requirements of the college and the special requirements governing baccalaureate and teacher-preparation programs.

Admission to the professional program in Foreign Language-education is by petition only. Students wishing to enter the professional program should petition the Director of Foreign Language-education upon completion of the first semester of their junior year for reviews of their academic records. Students accepted into the professional program must elect the following courses during the second semester of the junior year: Ed. 302

and Ed. 307. The following courses are open only to students admitted to the professional program in Language-education: Ed. 383 and Ed. 483.



### RECOMMENDED COURSE OF STUDY FOR FRENCH CONCENTRATORS

	Plan A	Plan B
Uniform Academic Requirements Approved Course of General Studies	31 sh	31 sh
or Area of Study		12-18 sh#
Unrestricted Elective Courses	10-18 sh	6-21 sh
Concentration in French	37 <b>-</b> 45 sh	37-45 sh
Related Languages	18 sh	24 sh
Education	21 sh	
	125 sh	125 sh

# May include courses specified by the Uniform Academic Requirements.

		Plan A	Plan B
Freshman Year			
Western Civiliz Area II <b>I</b> (Natural	of Literature) & 102History of ation) Science electives) tensive French Review lectives	6 sh 6 sh 8 sh 6 sh 1 sh	6 sh 6 sh 6 sh 8 sh 6 sh 1 sh
		33 sh	33 sh
Sophomore Year  Area IV (Go. 101- Government, Ps. Psychology or S	OlGeneral		
elective)	of France (Hi. 235,	6 sh	6 sh
335, 436)	Fr. 251 & 252French Con-	3 sh	3 sh
	versation and Composition Fr. 271 & 272Survey of	8 sh	8 sh
2	French Literature Second Language electives Elective	6 sh 6 sh 3 sh	6 sh 6 sh 3 sh

32 sh

32 sh





	Plan A	Plan B	
Junior Year			
Area V (History of Art or History of Music			
elective, Philosophy elective) Fr. 301The Literature of 17th	6 sh	6 sh	
Century France Fr. 302The Literature of 18th	3 sh	3 sh	
Century France	3 sh	3 sh	
Fr. 351Applied Linguistics	3 sh	3 sh	
Second Language electives	6 sh	6 sh	
Ed. 302Psychology of Adolescence	3 sh		
Ed. 307Educational Measurement for the			
Secondary School	3 sh		
Electives	_3 sh	9 sh	142
	30 sh	30 sh	
Senior Year			
Fr. 451 & 452Directed Studies in French	6 sh	6 sh	
Ed. 383The Curriculum and Teaching of Foreign Languages in the Secondary School	4 sh		
Ed. 483Apprentice Teaching of Foreign			
Languages in the Secondary School	8 sh	•	
Ed. 311Philosophy of Education	3 sh		
Second Language Electives		6 sh	
Electives	<u>9 sh</u>	<u>18 sh</u>	
	30 sh	30 sh	

### DEPARTMENTAL COURSE OFFERINGS

### C1. 151 GREAT BOOKS OF GREECE AND ROME I

A study in the meaning and importance of the Greek pagan masterpieces, which are read in the best translations.

Mr. Bentas, Mrs. Hardy

Three semester hours

### C1. 152 GREAT BOOKS OF GREECE AND ROME II

A study in the meaning and importance of the Roman pagan masterpieces, which are read in the best translations.

Mr. Bentas, Mrs. Hardy

Three semester hours

### C1. 201 CLASSICAL DRAMA I

Group reading of the great plays; discussion of their meaning and importance; lectures on the Greek theatre; the origins of tragedy and comedy, the nature of drama, and the special achievements of each dramatist. Prerequisite: consent of the instructor.

Mr. Bentas, Mrs. Hardy

Three semester hours

### C1. 202 CLASSICAL DRAMA II

Continuation of Classical Drama I, with concentration on the Roman dramatists. Prerequisite: consent of the instructor.

Mr. Bentas, Mrs. Hardy

Three semester hours

### C1. 401 GREEK THOUGHT

The Greek view of man and nature as revealed in myth, philosophy, science, history, art, and literature, and their relation to the modern age. Prerequisite: consent of the instructor.

Mr. Bentas

Three semester hours

### C1. 402 THE ROMAN MIND

The Roman view of man and nature as revealed in law, government, social institutions, legend, and religion, and their relation to the modern world. Prerequisite: consent of the instructor.

Mr. Bentas

Three semester hours

### Fr. 101 ELEMENTARY FRENCH I

A beginning course in French. The approach will be oral-aural with emphasis on grammar and elementary reading and writing. Two additional hours weekly in the language laboratory are required.

Mr. Garreau

Three semester hours

### Fr. 102 ELEMENTARY FRENCH II

Continuation of Fr. 101.

Mr. Garreau

Three semester hours

### Fr. 103 VOCAL DICTION

Designed primarily for voice majors in the Music Department, this course will present the correct pronunciation of French as it is exemplified in the vocal literature of French music.

Mrs. Anderson

Three semester hours

### Fr. 191 INTENSIVE FRENCH REVIEW I

Designed primarily for French majors, this course will review thoroughly all aspects of French grammar, conversation, composition, and writing. Conducted entirely in French, it will meet 5 times a week, including one period in the language laboratory.

Mr. Garreau

Three semester hours

Continuation of Fr. 191.

Mr. Garreau

Four semester hours

### Fr. 201 INTERMEDIATE FRENCH I--READING

For students interested mainly in French reading and translation. Emphasis will be placed upon grammar, reading skill, and translation of French literature, documents, articles, etc. An additional hour in the language laboratory is required.

Mr. Garff

Three semester hours

Fr. 202 INTERMEDIATE FRENCH II--READING

Continuation of Fr. 201.

Mr. Garff

Three semester hours

### Fr. 203 INTERMEDIATE FRENCH I--CONVERSATION

For students interested mainly in French conversation and composition. Conducted entirely in French, emphasis will be placed upon the oral-aural approach to all phases of French grammar, literature, and culture. Two additional hours weekly in the language laboratory are required.

Mrs. Mills, Mrs. Vila

Three semester hours

Fr. 204 INTERMEDIATE FRENCH II--CONVERSATION

Continuation of Fr. 203.

Mrs. Mills, Mrs. Vila

Three semester hours

### Fr. 211 FRENCH CIVILIZATION

A general study of French history, geography, culture, and contemporary life through selected readings.

Mrs. Anderson

Three semester hours

### Fr. 212 FRENCH CIVILIZATION

A continuation of Fr. 211, which is  $\underline{\text{not}}$  a prerequisite for Fr. 212.

Mrs. Anderson

Three semester hours

### Fr. 221 FRENCH LITERATURE BEFORE 1800

A general study of the most important French authors before 1800. Works of medium difficulty will be read and interpreted. Students with an intermediate knowledge of French may elect this course.

Mr. Garff

Three semester hours

### Fr. 222 FRENCH LITERATURE AFTER 1800

A continuation of Fr. 221, which is  $\underline{not}$  a prerequisite for Fr. 222.

Mr. Garff

Three semester hours

### Fr. 251 FRENCH CONVERSATION AND COMPOSITION I

Designed for French majors, this course will approach the study of French literature and civilization through conversation and composition. It will meet 5 times a week, including one period in the language laboratory.

Mrs. Vila

Four semester hours

Fr. 252 FRENCH CONVERSATION AND COMPOSITION II

Continuation of Fr. 251.

Mrs. Vila

Four semester hours

Fr. 271 SURVEY OF FRENCH LITERATURE I

A study in depth of the most important literary movements and authors from the medieval origins of French literature to the eighteenth century. One period weekly in the language laboratory is required.

Mr. Garff

Three semester hours

Fr. 272 SURVEY OF FRENCH LITERATURE II

Continuation of Fr. 271 from the eighteenth century to the present.

Mr. Garff

Three semester hours

Fr. 301 THE LITERATURE OF SEVENTEENTH CENTURY FRANCE

An intensive study of the great writers of this period.

Mr. Garff

Three semester hours

Fr. 302 THE LITERATURE OF EIGHTEENTH CENTURY FRANCE

Continuation of Fr. 301 into the eighteenth century.

Mrs. Anderson

Three semester hours

Fr. 303 THE LITERATURE OF NINETEENTH CENTURY FRANCE

Continuation of Fr. 302 into the nineteenth century.

Mrs. Anderson

Three semester hours

### Fr. 304 THE LITERATURE OF TWENTIETH CENTURY FRANCE

Continuation of Fr. 303 into the twentieth century.

Mrs. Anderson

Three semester hours

### Fr. 351 APPLIED LINGUISTICS

Synchronic analysis of the phonemic, morphological, syntactic, and semantic systems of present day French with attention given to dialectical variations and to the application of linguistic principles to the teaching of French in the secondary schools.

Mrs. Anderson

Three semester hours

### Fr. 401 NINETEENTH CENTURY ROMANTIC DRAMA

A study of the nineteenth century's great romantic dramatists of France: Chateaubriand, Hugo, De Vigny, Musset, etc.

Mrs. Mills

Three semester hours

### Fr. 402 THE ROMANTIC NOVEL OF THE NINETEENTH CENTURY

A study of the great romantic novelists of France in the nineteenth century: Chateaubriand, Sand, Hugo, Stendahl, Flaubert, etc.

Mrs. Mills

Three semester hours

### Fr. 451 DIRECTED STUDY IN FRENCH

Individual research projects of French majors.

Members of the Department

Three semester hours

### Fr. 452 DIRECTED STUDY IN FRENCH

Continuation of Fr. 451.

Members of the Department

Three semester hours

A beginning course in German. The approach will be oral-aural with emphasis on grammar and elementary reading and writing. Two additional hours in the language laboratory are required.

Mr. Smith

Three semester hours

Gm. 102 ELEMENTARY GERMAN II

Continuation of Gm. 101.

Mr. Smith

Three semester hours

Gm. 103 VOCAL DICTION

Designed primarily for voice majors in the Music Department, this course will present the correct pronunciation of German as it is exemplified in the vocal literature of German music.

Mr. Bregor

Three semester hours

Gm. 201 INTERMEDIATE GERMAN I

Continuation of Gm. 102 into the intermediate level.

Mr. Smith

Three semester hours

Gm. 202 INTERMEDIATE GERMAN II

Continuation of Gm. 201.

Mr. Smith

Three semester hours

### Gm. 301 GERMAN POLITICAL THEATER

A study of the political dramatists Bertolt Brecht, Max Frisch, and P. Weiss from both ideological and literary points of view. Open only to students who have completed Gm. 202 or to students with a reading and speaking knowledge of German.

Mr. Smith

Three semester hours

### Gm. 401 GOETHE'S FAUST

A detailed study of <u>Faust</u>. Open only to students who have completed Gm. 202 or to students with a reading and speaking knowledge of German.

Mr. Smith

Three semester hours

### Gm. 402 THE POETRY OF R. M. RILKE

Critical study and explication of selections taken from Rilke's poetry, prose, and letters. Open only to students who have completed Gm. 202 or to students with a reading and speaking knowledge of German.

Mr. Smith

Three semester hours

### Gm. 403 NIETZSCHE'S ALSO SPRACH ZARATHUSTRA

Critical study and explication of <u>Also Sprach Zarathustra</u>. Open to students who have completed Gm. 202 or to students with a reading and speaking knowledge of German.

Mr. Smith

Three semester hours

### Gk. 151 BASIC MODERN GREEK I

No previous knowledge of Greek required. The aims are basic oral expression, aural comprehension, and elementary reading and writing.

Mr. Bentas

Three semester hours



### Gk. 152 BASIC MODERN GREEK II

Continuation of Gk. 151, with an introduction to readings in contemporary Greek literature, both prose and poetry. A good foundation for advanced study in modern or classical Greek. Prerequisite: Gk. 151 or equivalent with permission of instructor.

Mr. Bentas

Three semester hours

### Gk. 201 INTERMEDIATE GREEK I

Review and development of audio-lingual skills, writing, and reading in modern Greek, followed by an introduction to classical Greek and the reading of Greek texts taken from the Classical, Byzantine, and Modern Greek periods. Prerequisite: Gk. 151-152 or equivalent with permission of instructor.

Mr. Bentas

Three semester hours

### Gk. 202 INTERMEDIATE GREEK II

Continuation of Gk. 201. Prerequisite: Gk. 201 or equivalent with permission of instructor.

Mr. Bentas

Three semester hours

### Gk. 301 GREEK CLASSICS I

Concentrated readings in particular authors of Greek literature, such as Homer, Herodotus, Xenophon, Plato, the dramatists, etc. Prerequisite: Gk. 202 or equivalent with permission of instructor.

Mr. Bentas

Three semester hours

### Gk. 302 GREEK CLASSICS II

Continuation of Gk. 301. Prerequisite: Gk. 201-202 or equivalent with permission of instructor.

Mr. Bentas

Three semester hours

### It. 101 ELEMENTARY ITALIAN I

A beginning course in Italian. The approach will be oral-aural with emphasis on grammar and elementary reading and writing. Two additional hours weekly in the language laboratory are required.

Mr. Procopio

Three semester hours

### It. 102 ELEMENTARY ITALIAN II

Continuation of It. 101.

Mr. Procopio

Three semester hours

### It. 103 VOCAL DICTION

Designed primarily for voice majors in the Music Department, this course will present the correct pronunciation of Italian as it is exemplified in the vocal literature of Italian music.

Mr. Procopio

Three semester hours

### It. 201 INTERMEDIATE ITALIAN I

Continuation of It. 102 into the advanced level.

Mr. Procopio

Three semester hours

### It. 202 INTERMEDIATE ITALIAN II

Continuation of It. 201.

Mr. Procopio

Three semester hours

### La. 151 BASIC LATIN I

A course for beginners and for students wishing to review the elements of Latin and to acquire, thereby, an ability to read selected passages from Latin authors.

Mr. Bentas

Three semester hours

### La. 152 BASIC LATIN II

Continuation of La. 151, with special attention devoted to the translation, analysis, and class discussion of selected passages from Latin authors, illustrating the life, culture, and contribution of ancient Rome to the modern world.

Mr. Bentas

Three semester hours

### La. 201 INTERMEDIATE LATIN I

Readings from Latin prose and poetry, with special attention to the works of one or two authors, such as Cicero and Vergil's Aeneid. Prerequisite: La. 151-152 or equivalent in secondary school Latin.

Mr. Bentas

Three semester hours

### La. 202 INTERMEDIATE LATIN II

Continuation of La. 201. Prerequisite: La. 201 or equivalent.

Mr. Bentas

Three semester hours

### La. 301 LATIN CLASSICS I

Important documents of pagan, Christian, scholarly, and literary Latin. Reading and discussion of material selected to display the continuity of Latin writing from Roman times until the present day, and to illustrate the use of Latin as a special form of dignified and accurate expression. Prerequisite: La. 201-202 or four years of high school Latin.

Mr. Bentas

Three semester hours

### La. 302 LATIN CLASSICS II

Continuation of La. 301. Prerequisite: La. 301 or equivalent.

Mr. Bentas

Three semester hours

### Sp. 101 ELEMENTARY SPANISH I

A beginning course in Spanish. The approach will be oral-aural with emphasis on grammar and elementary reading and writing. Two additional hours in the language laboratory are required.

Mrs. Simon

Three semester hours

Sp. 102 ELEMENTARY SPANISH II

Continuation of Sp. 101.

Mrs. Simon

Three semester hours

Sp. 201 INTERMEDIATE SPANISH I

Continuation of Sp. 102 into the advanced level.

Mrs. Simon

Three semester hours

Sp. 202 INTERMEDIATE SPANISH II

Continuation of Sp. 201.

Mrs. Simon

Three semester hours

### Sp. 271 INTRODUCTION TO SPANISH LITERATURE

An introduction to significant literary works by such important, modern authors as Unamuno, Lorca, Machado, etc. A brief survey of the contemporary Spanish scene is included. Conducted in Spanish and English.

Mrs. Simon

Three semester hours

### Sp. 272 INTRODUCTION TO LATIN AMERICAN LITERATURE

This course surveys the Latin American social and political scene and introduces the student to literary works by major contemporary authors of South and Central America. Conducted in Spanish and English.

Mrs. Simon

Three semester hours



# DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

Elizabeth Neilson, Chairman

The Department of Health offers work leading to a concentration in health for Bachelor of Arts candidates who are members of the classes of 1970 and 1971 and to an area of special study for students enrolled in Bachelor of Science in Education programs. An area of special study consists of 18 semester hours of course work selected from among the offerings of the department. The recommended course of study for concentrators in health is listed below.

# RECOMMENDED COURSE OF STUDY FOR HEALTH CONCENTRATORS

# Sophomore Year

Bi. 223 & 224Anatomy and Physiology Ch. 201Organic Chemistry Ch. 207Organic Chemistry Laboratory Ps. 101General Psychology HI. 201Foundations of Health Foreign Language or electives* Ar. 101Art of Western Civilization	3 1 3 3	sh sh sh sh sh
or Mu. 171Music of Western Civilization English electives		sh sh

33 sh

## Junior Year

HI. 211Current Problems in Safety and		
First Aid	3	sh
HI. 303Kinesiology	3	sh
HI. 331The School Health Program	3	sh
HI. 307Evolving Patterns of Community		
Health	3	sh
HI. 311Nutrition	3	sh
Health elective	3	sh
Ed. 302Psychology of Adolescence	3	sh
Ed. 307Educational Measurement	3	sh
Ed. 375The Health Curriculum	3	sh
Sociology elective	3	sh
Electives	6	sh
	36	sh

# Senior Year

HI. 409Contemporary World Health Problems	3 sh
HI. 401Field Work in Health	3 sh
HI. 407Organization and Administration	
of Health Programs	3 sh
HI. 402Health Seminar	3 sh
Ed. 376The Teaching of Health	2 sh
Ed. 475Apprentice Teaching of Health	8 sh
Ed. 311Philosophy of Education	3 sh
Bi. 231Clinical Microbiology	4 sh
Hi. 173United States History and	
Government	3 sh
	32 sh

<sup>\*</sup> Cf. language requirement for the Bachelor of Arts. Students meeting the language requirement in whole or in part through means other than formal course work may elect courses of their choice.







### DEPARTMENTAL COURSE OFFERINGS

### H1. 201 FOUNDATIONS FOR HEALTH

An analysis of recent scientific information concerned with improving and maintaining mental and physical health.

Miss Garrity

Three semester hours

### H1. 211 CURRENT PROBLEMS IN SAFETY

Basic principles of safety-education and study of current safety programs for the home, school, and community.

Miss Garrity

Three semester hours

### H1. 303 KINES IOLOGY

The study of skeletal muscular action and the application of principles of muscle mechanics to body movement. Prerequisite: Bi. 223 and 224.

Miss Butsavich

Three semester hours

### H1. 305 COMMUNICABLE AND NON-COMMUNICABLE DISEASES

A study of the nature, prevention, and control of common

communicable and non-communicable diseases in relation to societal concepts, attitudes, and practices of health.

Miss Neilson

Three semester hours

### H1. 306 EPIDEMIOLOGY

A study of classic epidemics, epidemiological principles, and field techniques through epidemiological analysis of selected diseases. Prerequisite: H1. 305.

Miss Neilson

Three semester hours



### H1. 307 EVOLVING PATTERNS OF COMMUNITY HEALTH

Study of health manpower coordination for community needs. Direct observation of health education in the schools, hospitals, community health centers, and voluntary health organizations.

Miss Garrity

Three semester hours

### H1. 311 NUTRITION

The study of foods and their importance for physical well-being.

Miss Neilson

Three semester hours

### H1. 328 ENVIRONMENTAL HEALTH-EARTH POLLUTANTS

An analysis of the relationship of physical environment to disease.

Miss Neilson

Three semester hours

### H1. 331 THE SCHOOL HEALTH PROGRAM

A study of the organization and development of school health programs with special attention given to the problem of coordinating school, community, state, and federal health programs.



Miss Garrity

Three semester hours

### H1. 341 FAMILY HEALTH

A study of the family unit with particular consideration given to the physiology of human reproduction, growth, and maturation and to personal health factors affecting the family unit.

Miss Garrity

Three semester hours



### H1. 345 HEALTH GUIDANCE

Analyses of common health problems and psychosomatic symptoms which are important for health educators. Prerequisite: H1. 341.

Miss Neilson

Three semester hours

### HI. 401 FIELD WORK IN HEALTH

Directed research and participation in voluntary, community, and state health organizations and centers. Prerequisite: H1. 307.

Miss Neilson

Three semester hours

### H1. 402 HEALTH SEMINAR

Intensive study of health programs, organizations, and departments through reading of professional literature. Prerequisite: H1. 401.

Miss Neilson

Three semester hours

### H1. 407 ORGANIZATION AND ADMINISTRATION OF HEALTH PROGRAMS

Advanced studies of current organization and administration of state and federal health organizations and programs. Research in health

skills, and motivation-procedures for the realization of health goals. Prerequisite: H1. 402.

Miss Garrity

Three semester hours

### H1. 409 CONTEMPORARY WORLD HEALTH PROBLEMS

A study of modern world health problems with special attention being given to the ecology of under-developed areas. Prerequisite: H1. 311.

Miss Neilson

Three semester hours



### H1. 424 ADVANCES IN HEALTH SCIENCES

A study of those scientific concepts which will provide health guidelines for individual decision-making.

Miss Garrity

Three semester hours

### H1. 428 LEARNING IN THE NATURAL ENVIRONMENT

A study of procedures for developing health principles from the natural environment.

Miss Garrity

Three semester hours

### Pe. 101 PHYSICAL EDUCATION FOR WOMEN I

This course seeks to develop organic vigor, agility, balance, flexibility, coordination, and efficient body movement through body conditioning exercises and team activities.

Miss Garrity, Miss Butsavich

One-half semester hour

### Pe. 101 PHYSICAL EDUCATION FOR MEN I

Physical education for men is devoted to the attainment of physical fitness through gymnastics and team sports.

Mr. Ciszek

One-half semester hour

### Pe. 102 PHYSICAL EDUCATION FOR WOMEN II

This course encourages daily regimen of activities through individual performance of various levels of physical fitness. A program of rhythms is offered with emphasis upon square dancing, folk dancing, and group activities.

Miss Garrity, Miss Butsavich

One-half semester hour

### Pe. 102 PHYSICAL EDUCATION FOR MEN II

This course provides increased loads of physical activities which center around body mechanics, tumbling, wrestling, weight-lifting, and team activities.

Mr. Ciszek

One-half semester hour







# DEPARTMENT OF HISTORY

Patricia Goler, Chairman

The Department of History offers work leading to a concentration for the Bachelor of Arts degree, to an area of study for biology. English, and French concentrators, and to an area of special study for students pursuing Bachelor of Science in Education degrees. Work toward an area of study and an area of special study in classical civilization is partially carried out under the jurisdiction of this department. An area of study and an area of special study in classical civilization consists of 18 semester hours of course work selected from among those courses listed for classical civilization which appear in the descriptions of programs offered by the Department of Foreign Languages.

A concentration in history consists of 30-45 semester hours of course work, 30 of which must be in offerings of the department with "Hi." prefixes (exclusive of Hi. 101 & 102 specified by the Uniform Academic Requirements of the College). Concentrators are required to take Hi. 191, four courses in American History, two courses in European History, and one seminar (Hi. 492, 493, 494, or 495). Students concentrating in History are advised to follow the recommended course of study on the following pages or to work out acceptable alternative programs with their advisors. Students arranging individual programs are urged to study the general requirements of the college and the special requirements governing baccalaureate and teacher-preparation programs.

Admission to the professional program in History-education is by petition only. Students wishing to enter the professional





program should petition the Director of History-education upon completion of the first semester of the junior year for reviews of their academic records. Students accepted into the professional program must elect the following courses during the second semester of the junior year: Ed. 302, Ed. 311, and Ed. 307. The following courses are open only to students admitted to the professional program in History-education: Ed. 384 and Ed. 484.

# RECOMMENDED COURSE OF STUDY FOR HISTORY CONCENTRATORS

	Plan A	Plan B
Uniform Academic Requirements Approved Course of General Studies	31 sh	31 sh
or Area of Study		12-18 sh#
Unrestricted Elective Courses	12-21 sh	9-18 sh
Concentration in History	30-45 sh	30-45 sh
Related Area of Study	12-18 sh#	# 12-18 sh#
Education	21 sh	
	I2I sh	121 sh

# May include courses specified by the Uniform Academic Requirements.

# Freshman Year

Area I (En. 101Composition,		
En.  6 Types of Literature)	6 sh	6 sh
Area II (Hi. 101 & 102-History of		
Western Civilization)	6 sh	6 sh
Area III (Natural Science electives)	6 sh	6 sh
Foreign Language or electives*	6 sh	6 sh
Hi. 191Introduction to History	3 sh	3 sh
Elective	3 sh	3 sh
Pe. IOI & IO2Physical Education	l sh	l sh
	31 sh	31 sh

Sophomore Year	Plan A	Plan B
Area IV (Go. 101United States Government, Ps. 101General Psychology or Social Science elective) Area V (History of Art or History of Music elective, Philosophy elective) Foreign Language or electives* History electives	6 sh 6 sh 6 sh 12 sh 30 sh	6 sh 6 sh 6 sh 12 sh 30 sh
Junior Year		
Ed. 302Psychology of Adolescence Ed. 311Philosophy of Education Ed. 307Educational Measurement in the Secondary School Hi. 491-5Seminar in History History electives Literature electives (English or Ancient and Modern Language) Electives	3 sh 3 sh	
	3 sh 3 sh 6 sh	3 sh 6 sh
	6 sh 6 sh	6 sh 15 sh
	30 sh	30 sh
Senior Year		
Ed. 384The Curriculum and Teaching of History in the Secondary Schools Ed. 484Apprentice Teaching of History in the Secondary Schools Hi. 496Directed Studies in History Electives	4 sh 8 sh 3 sh 15 sh	3 sh 27 sh
	30 sh	30 sh

<sup>\*</sup> Cf. language requirement for the Bachelor of Arts. Students meeting the language requirement in whole or in part through means other than formal course work may select courses of their choice.

### DEPARTMENTAL COURSE OFFERINGS

### Hi. 101 WESTERN CIVILIZATION TO 1700

An analysis of the major forces in the development of western civilization from its Near Eastern origins to 1700.

Members of the Department

Three semester hours

### Hi. 102 WESTERN CIVILIZATION SINCE 1700

An examination of the major forces in the development of the western world since 1700.

Members of the Department

Three semester hours

### Hi. 121 MODERN EUROPEAN HISTORY

The influence of the Middle Ages, the Renaissance, and the Reformation on the succeeding political and social eras is traced as a background to an understanding of contemporary European political and social problems.

Members of the Department

Three semester hours

### Hi. 161 HISTORY OF THE UNITED STATES TO 1865

Traces the development of American institutions from colonization to the Civil War.

Members of the Department

Three semester hours

### Hi. 162 HISTORY OF THE UNITED STATES SINCE 1865

An analysis of the significant political, social, economic, and cultural developments in the United States from the end of the Civil War to the present.

Members of the Department

Three semester hours

### Hi. 173 UNITED STATES HISTORY AND GOVERNMENT

An extensive survey is made of the Constitution of the United States insofar as it contributed to the development of American ideals and institutions, and to the solution of major problems.

Mr. Fitzgerald

Three semester hours

### Hi. 191 INTRODUCTION TO HISTORY

An introduction to the concepts of history and the methods of historical research.

Members of the Department

Three semester hours

### Hi. 206 THE ANCIENT WORLD

An analysis of the ancient and classical cultures from the birth of civilization to the fall of Rome.

Mr. Derry

Three semester hours

### Hi. 207 CLASSICAL ORIGINS OF WESTERN CIVILIZATION I

Concentrated historical study of the political, social, and cultural history of Greece from the earliest times through the Hellenistic period.

Mr. Bentas

Three semester hours

### Hi. 208 CLASSICAL ORIGINS OF WESTERN CIVILIZATION II

Concentrated historical study of the political, social, and cultural history of Rome from the earliest times through the late Roman Republic.

Mr. Bentas

Three semester hours

### Hi. 211 THE MEDIEVAL WORLD

Surveys European history during the formative period from the end of the ancient world through the High Middle Ages.

Mr. Derry

Three semester hours

### Hi. 212 EUROPE IN TRANSITION: 1300-1648

An analysis of European civilization from the High Middle Ages to the mid-seventeenth century. The emphasis is on the breakup of the medieval world and the political, cultural, economic, and religious changes associated with the Renaissance and Reformation eras.

Mr. Blewett

Three semester hours

### Hi. 231 HISTORY OF ENGLAND TO 1700

The evolution and development of the English people and their institutions are examined in depth.

Mr. Derry

Three semester hours

### Hi. 232 HISTORY OF ENGLAND SINCE 1700

An examination of the changing role of Britain in world affairs, this course emphasizes the imperial development of England as well as its present position. Attention is given to political, social, and intellectual developments. Prerequisite: Hi. 231.

Mr. Blewett

Three semester hours

### Hi. 235 THE OLD REGIME AND REVOLUTION: 1648-1789

This course gives attention to the intellectual and political climates of opinion, the social and economic institutions of the Old Regime.

Mr. Blewett

Three semester hours

### Hi. 237 HISTORY OF RUSSIA TO 1689

This course traces the origins of Russia to early modern times.

Mr. Nowak

Three semester hours

### Hi. 238 HISTORY OF RUSSIA SINCE 1689

An examination of Imperial Russia and the development of the Soviet Union.

Mr. Nowak

Three semester hours

### Hi. 241 LATIN-AMERICAN HISTORY

The development and influence of Spanish and Portuguese culture as a widespread world force; the history of the Latin-American peoples; the relationship of Latin America to North America, particularly in view of recent growth in friendly and diplomatic relations.

Mrs. Simon

Three semester hours

### Hi. 261 AMERICAN COLONIAL HISTORY

A survey course in the history of the colonial areas of North America which were to become incorporated into the original United States of America, with emphasis upon the development of culture practices and institutional patterns.

Mr. Carroll

Three semester hours

### Hi. 262 THE AMERICAN REVOLUTION AND CONSTITUTION

A study of the causes and consequences of the American Revolution and of the framing of the Constitution.

Mr. Carroll

Three semester hours



### Hi. 263 THE NATIONAL PERIOD

A study of the crucial period during which Americans united to form a more perfect union. Special emphasis on the origins of Jeffersonian and Jacksonian democracy and their social content, reform movements and the origin of abolitionism.

Mr. Bergeron

Three semester hours

### Hi. 264 REPRESENTATIVE AMERICANS (1789-1865)

A biographical approach to the history of the period (1789-1865) with emphasis on significant and representative personalities and their contributions to American development. Prerequisite: Hi. 161. Approximately 10 biographies will be assigned.

Mr. Bergeron

Three semester hours

### Hi. 278 THE NEW LEFT

This course will investigate the origins and growth of the radical tradition with particular emphasis on the contemporary "new left." The course will concentrate on readings in radical literature with particular emphasis on class discussion.

Mr. Derry

Three semester hours

### Hi. 279 MAJOR ISSUES IN AMERICAN HISTORY IN THE 60'S

An examination of significant issues in American history in the sixties, i.e., the Vietnam War, the Civil Rights Movement, and the Cold War. Students will determine the issues to be studied.

Miss Goler

Three semester hours



### Hi. 305 GREEK AND ROMAN HISTORIANS

Concentrated and extensive readings in English translation of the Greek and Roman historians, i.e., Herodotus, Thucydides, Livy, Tacitus, etc. Prerequisite: consent of the instructor.

Mr. Bentas, Mrs. Hardy

Three semester hours

### Hi. 321 FRANCE AND ENGLAND IN THE SEVENTEENTH CENTURY

A comparative study of two societies undergoing change. One has political revolution; the other retains political stability. Emphasis in the course is on interpretation and analysis.

Mr. Blewett

Three semester hours

### Hi. 323 EUROPE IN THE NINETEENTH CENTURY

Traces the major developments in nineteenth century Europe from the Congress of Vienna through the crises of national imperialism. Major emphasis is given to nationalism, industrialism, the unification of Italy and Germany, and the changing patterns of power.

Miss Goler

Three semester hours

### Hi. 324 EUROPE IN THE TWENTIETH CENTURY

An examination of the events in European history from the Treaty of Versailles to the present. Special attention is given to current developments. Prerequisite: Hi. 323.

Miss Goler, Mr. Shea

Three semester hours

### Hi. 332 TUDOR-STUART ENGLAND

An in-depth study of two centuries of religious, social, intellectual, and political revolution in England. This course will approach the period through an analysis and discussion of original documents.

Mr. Blewett

Three semester hours

### Hi. 335 FRENCH REVOLUTION AND EMPIRE

An in-depth analysis of French society 1715-1815, which attempts to understand the causes of the French Revolution and its aftermath.

Mr. Blewett

Three semester hours

### Hi. 346 BYZANTINE CIVILIZATION

Historical survey of the significant political, social, and cultural changes in the Eastern Greco-Roman Empire, from the founding of Constantinople in 330 A. D. to its conquest in 1453 A. D.

Mr. Bentas

Three semester hours

### Hi. 347 BYZANTINE CULTURE

Study of Byzantine literature, religion, learning and art, illustrating the role of Byzantium as a custodian of the classical past, its relation to Western Renaissance, and its value as a source for understanding modern Balkan and Near Eastern culture. Prerequisite: Hi. 346.

Mr. Bentas

Three semester hours

### Hi. 364 CIVIL WAR AND RECONSTRUCTION

Examines the Civil War and Reconstruction in terms not only of the events but also of traditional and revisionist interpretations.

Mr. Bergeron

Three semester hours

### Hi. 365 THE NATION DIVIDED: UNITED STATES IN MID-NINETEENTH CENTURY

An examination of those factors which led up to the Civil War, the conflict itself, and ante-bellum America. Prerequisite: Hi. 263.

Mr. Norton

Three semester hours

### Hi. 368 UNITED STATES IN THE TWENTIETH CENTURY

Examines the development of the United States in the twentieth century. Special attention is given to political and economic developments such as the New Freedom and the New Deal as well as to the changing international scene. Prerequisite: Hi. 365.

Miss Goler, Mrs. Blewett

Three semester hours

### Hi. 371 CLASSICAL POLITICAL THEORY

A study and comparison of the systems of government of Greece and Rome, especially the Greek polis in Athens and Sparta, the Roman Republic and Empire, and their relation to modern political ideals.

Mrs. Hardy

Three semester hours

### Hi. 373 CIVIL LIBERTIES

An examination of the permissible limits of governmental restraints on private rights and liberties as determined by the American judiciary.

Mr. Carroll

Three semester hours

### Hi. 374 URBAN POLITICS

A study of the development and mechanics of political organizations in American cities since the late nineteenth century, with special focus on the classic city-boss and his critics.

Mrs. Blewett

Three semester hours

### Hi. 376 INTERNATIONAL RELATIONS

An examination of processes, techniques, and patterns of behavior characteristic of international politics.

Mr. Pho Ba Hai

Three semester hours

### Hi. 381 AMERICAN CHURCH HISTORY

A study of the major religious groups in the United States--Protestant, Catholic and Jewish. Emphasis is historical rather than comparative or theological. Prerequisite: At least one semester of United States History.

Mrs. Bonkowsky

Three semester hours

### Hi. 382 FRENCH INTELLECTUAL HISTORY

Selected topics in eighteenth century French intellectual history to the Revolution of 1789.

Mrs. Schwartz

Three semester hours

### Hi. 384 AFRO-AMERICAN HISTORY

The experience of the black man in America from colonial times to the present including Such topics as the African background, slavery, twentieth century protest, Afro-American literature and the problems of the cities.

Mr. Bakken

Three semester hours

### Hi. 403 THE WORLD SINCE 1900

Designed to provide the student with the immediate historical background of his own time, it focuses attention on Europe and America, although Asian and African developments receive much attention.

Mr. Blewett

Three semester hours

### Hi. 436 FRANCE SINCE 1914

A consideration of the evolution of France in its broad European setting from the Bourbon restoration to the Fifth Republic. The course will also consider the interrelations among social, economic, political, and diplomatic trends. Particular attention will be given to the continuous struggle between the right and left throughout the period.

Mr. Shea

Three semester hours



### Hi. 448 MODERN HISTORY OF THE ARAB WORLD

A study of the Arab countries of the Middle East from 1798, focusing on the impact of the west on this area and the development of independent nations.

Three semester hours

### Hi. 457 THE NEW ORIENT

An examination of Japanese and Southeast Asian history in the twentieth century. Particular attention is given to the rise and fall of Japan as a great power and to the emergence of the independent nations of Southeast Asia.

Miss Goler

Three semester hours

### Hi. 458 CHINA IN THE MODERN WORLD

An examination of the role of China in the twentieth century, tracing developments from the fall of the Manchu dynasty to the development of China as a nuclear power under communism.

Miss Goler

Three semester hours

### Hi. 463 THE AMERICAN FRONTIER

Readings and discussion of the history of the American Frontier and the place of the frontier in American society and thought.

Mrs. Bonkowsky

Three semester hours

### Hi. 468 UNITED STATES SINCE 1941

An examination of the foreign and domestic policies of the United States since World War II.

Mrs. Blewett

Three semester hours

### Hi. 476 AMERICAN FOREIGN RELATIONS IN THE TWENTIETH CENTURY

An appraisal of United States foreign policies, the reaction of Americans to the changing international situation, and the American policies of other governments since the beginning of the twentieth century. Topics include: rivalries in Asia, the rise of Anglo-American friendship, World War I, the retreat to isolationism, World War II, and postwar Russian-American relations.

Miss Goler, Mr. O'Leary

Three semester hours

### Hi. 483 AMERICAN INTELLECTUAL HISTORY TO 1865

Selected topics in the intellectual history of America from Colonial times to the end of the Civil War which examine major intellectual currents and problems and the interaction between ideas and social structure. Includes discussion of parallel European developments and influences.

Mr. Bakkan

Three semester hours

### Hi. 484 AMERICAN INTELLECTUAL HISTORY SINCE 1865

Selected topics in the intellectual history of America from the Civil War to the present which examine major intellectual currents and problems and the interaction between ideas and social structure. Includes discussion of parallel European developments and influences.

Mr. Bakkan

Three semester hours

### Hi. 485 IDEOLOGY AND WORLD AFFAIRS

An examination of the ideologies of the twentieth century; nationalism, fascism, communism, and their conflicts with liberal democracy.

Miss Goler

Three semester hours

### Hi. 486 ECONOMIC HISTORY OF THE UNITED STATES TO 1865

An examination of the economic history of the United States to 1865.

Mr. Bergeron

Three semester hours

# Hi. 487 ECONOMIC HISTORY OF THE UNITED STATES SINCE 1865

An examination of the economic history of the United States since 1865.

Mr. Bergeron

Three semester hours

### Hi. 488 MILITARY HISTORY

An examination of the military history of the United States from the Colonial militia to the present.

Mr. Norton

Three semester hours

## Hi. 491 HISTORIOGRAPHY

A study of the writing of history. Although due attention is given to method, the main orientation is toward the problems of interpretation as they have been encountered and solved by the great historians.

Mrs. Bonkowsky, Mr. Derry

Three semester hours

### Hi. 492 READING SEMINAR

The student surveys a broad area of historical research and becomes familiar with materials related to his field of specialization.

Members of the Department

Three semester hours

# Hi. 493 READING SEMINAR IN UNITED STATES HISTORY

The student surveys a broad area of historical research and works intensively with the research of a selected area.

Members of the Department

Three semester hours

## Hi. 494 SEMINAR IN AMERICAN DIPLOMACY

An intensive analysis of the assumptions governing the development of American diplomacy since the 1890's.

Mrs. Blewett

Three semester hours

## Hi. 495 COORDINATING SEMINAR

Studies in selected topics in social, political, cultural, economic, and religious history.

Members of the Department

Three semester hours

## Hi. 496 DIRECTED STUDIES IN HISTORY

The student through regular and frequent consultation with his instructor develops a course of directed readings and defines a problem for individual research. The student's findings are presented in a paper of significant proportions.

Members of the Department

Three semester hours

## Go. 101 UNITED STATES GOVERNMENT

The origin, development, and functioning of the government of the United States, with study of the Constitution, the functioning of the executive, legislative, and judicial branches, and the role of political parties.

Members of the Department

Three semester hours

## Go. 201 AMERICAN CONSTITUTIONAL LAW

Historical survey of the Court from 1789 to the present with emphasis on leading opinions, judicial personalities, and the relationships between the Court and political events in the nation.

Mr. Carroll

Three semester hours

## Go. 225 STATE GOVERNMENT

An intensive study of the structure, function, and administration of state governments; development of state Constitutions; the place of the states in the nation; the political process; the legislature; the executive; the judiciary; state finances; administrative departments.

Mr. Fitzgerald

Three semester hours



## 177

## Go. 226 MUNICIPAL GOVERNMENT

An intensive survey of the structure, functioning, and administration of urban governments; legal aspects; relationship to other units of government; metropolitan areas and their problems.

Mr. Fitzgerald

Three semester hours

## Go. 301 THE MAKING OF AMERICAN FOREIGN POLICY

A study of the process of American foreign policy in the contemporary world. The case study method will be used to illustrate problems of strategy and tactics in such areas as Europe, Latin America, Africa, and the Far East.

Mr. Bergeron

Three semester hours

## Go. 320 COMPARATIVE MODERN GOVERNMENT

A study of the nature, functions, and modern development of the political systems of the United Kingdom, the Union of Soviet Socialist Republics, France, and Japan with emphasis upon the civic culture and the actual workings of the systems. A behavioral-functional approach as opposed to a more traditional, purely institutional and ideological approach will be used. A working knowledge of the American political system is recommended as a prerequisite. Annotated bibliography required.

Miss Denning

Three semester hours

## Ec. 201 THE DEVELOPMENT OF ECONOMIC THEORY

An analysis of the development of economic theory from the late medieval origins of capitalism to the present. Special attention is given to the development of capitalism, socialism, and syndicalism.

Three semester hours

## Ec. 202 POLITICAL ECONOMY

Examines the political impact of contemporary economic theories and problems. Emphasis is placed upon the current world conflicts between the capitalistic and radical socialistic powers.

Three semester hours

## Ge. 101 PRINCIPLES OF GEOGRAPHY

Physical elements such as the origin and evolution of the surface features of the earth, the oceans and inland waters, and the atmosphere and its circulation are studied in an attempt to show how these factors control man's use of the earth's surface.

Three semester hours





# DEPARTMENT OF MATHEMATICS

William Malone, Chairman

The Department of Mathematics offers work leading to an area of study for students enrolled in Bachelor of Arts degree programs and to an area of special study for students enrolled in Bachelor of Science in Education degree programs. Areas of study and special study in mathematics consist of 18 semester hours of course work selected from among the offerings of the department.

## DEPARTMENTAL COURSE OFFERINGS

Ma. 101 GENERAL MATHEMATICS

A one semester terminal course especially designed for nursing students. A problem approach is used with selected mathematical problems of general interest to nursing students.

Members of the Department

Three semester hours

Ma. 102 MODERN MATHEMATICS T

Mathematical systems for sets of natural numbers are reviewed. Developed sets, binary operations of union and intersection and binary operations of complements are defined. Analogy between properties common to systems of natural numbers and sets are indicated. Other mathematical systems are introduced and compared to systems of natural numbers.

Members of the Department

Three semester hours

Ma. 103 MODERN MATHEMATICS II

 $\,$  A continuation of Ma. 101, which is a prerequisite, this course applies set theory to geometry.

Members of the Department

Three semester hours

Selected topics in modern mathematics. Prerequisite: Ma. 103.

Mr. Copley

Three semester hours

Ma. 202 COLLEGE ALGEBRA

Numbers of algebra; functions and their graphs; variations; systems of equations; elementary theory of equations; determinants; probability.

Mr. Malone

Three semester hours

## Ma. 203 MATHEMATICAL ANALYSIS I

A systematic study of many different modes of variation wherein the student discovers exact relations between varying quantities, and devises suitable methods of making any necessary calculations. The course includes topics from elementary analytic geometry, elementary calculus, and trigonometry.

Mr. Mellen

Three semester hours

## Ma. 204 MATHEMATICAL ANALYSIS II

Continuation of Ma. 203, which is a prerequisite, with emphasis on topics in probability and statistics.

Mr. Mellen

Three semester hours

## Ma. 301 CALCULUS I

Analytic geometry and calculus for functions of more than one variable.

Mr. Gendler

Three semester hours



Continuation of Ma. 301, which is a prerequisite.

Mr. Gendler

Three semester hours

Ma. 303 STATISTICS I

Combinational analysis with application to computation of probabilities, combinations of events. Repeated trials, discrete random variables. Law of large numbers.

Mr. Nieuwejaar

Three semester hours

Ma. 304 STATISTICS II

Sample and population measures of central tendency and variability; curve fitting; normal and t distributions; regression and correlation; confidence limits.

Mr. Nieuwejaar

Three semester hours

Ma. 401 TOPOLOGY

The fundamental properties of topological spaces, with emphasis on such topics as open and closed sets, closure, subspaces, connected spaces, compact spaces, continuity, homeomorphisms, and the hierarchy of topological spaces.

Mr. Nieuwejaar

Three semester hours





## DEPARTMENT OF MUSIC

Edward Gilday, Chairman

The Department of Music offers work leading to specialization in music under programs of the Bachelor of Music-Education and the Bachelor of Music degrees. In cooperation with the Department of Art. the Department of Music also offers work leading to an area of special study in fine arts for students enrolled in Bachelor of Science in Education programs. The areas of specialization in music for the Bachelor of Music-Education and Bachelor of Music degree programs are respectively 58 and 84-89 semester hours of course work exclusive of those music courses specified by the Uniform Academic Requirements. An area of special study consists of 18 semes-

terhours of course work selected from the offerings of the departments of Art and Music exclusive of those art and music courses specified by the Uniform Academic Requirements.

Admission to degree programs in music is restricted to students who have passed special music examinations. Students who are deficient in their knowledge of scales, intervals, triads, and chordal progressions are required to take a special non-credit course in fundamentals of music-theory before they are admitted to elementary music-theory courses. Such students are classified as "special students" until they have satisfied departmental music-theory requirements.

The recommended courses of study for students enrolled in Bachelor of Music-Education and Bachelor of Music programs are provided on the following pages.



## RECOMMENDED COURSE OF STUDY FOR MUSIC-EDUCATION CONCENTRATORS (BACHELOR OF MUSIC EDUCATION)

Uniform Academic Requirements	31	sh
Unrestricted Elective Courses	12	sh
Music Specialization	58	sh
Education Concentration	30	sh
	131	sh

## Freshman Year

Area I (En. 101Composition, En. 161Types of Literature)	6 sh 6 sh
Area II (Hi. 101 & 102History of Western Civilization) Area IV (Go. 101United States Government, Ps. 101	o sn
General Psychology)	6 sh
Mu. 101 & 102Elementary Music Theory	4 sh
Mu. 103 & 104Sight Singing and Dictation	4 sh
Mu. 121 & 122Instrumental Class: Strings and Woodwinds	4 sh
Mu. 141 & 142Functional Piano	2 sh
Mu. 261Vocal Ensemble*	l sh
Mu. 262Instrumental Ensemble*	l sh
Mu. 263Applied Music	2 sh
Pe. IOI & 102Physical Education	l sh
	37 sh

## Sophomore Year

Area III (Bi. 101 & 102General Biology, Py. 101 & 102 Physical Science, or Py 101Physical Science and	
Py. 202-Earth Sciences)	6 sh
·	
Area V (Mu. 271 & 272Music History and Literature)	6 sh
Mu. 203 & 204Advanced Sight Singing and Dictation	2 sh
Mu. 213Diatonic Harmony	2 sh
Mu. 214Chromatic Harmony	2 sh
Mu. 221Instrumental Class: Brass	2 sh
Mu. 224Instrumental Class: Percussion	l sh
Mu. 231Elementary Conducting	3 sh
Mu. 241 & 242Functional Piano	2 sh
Mu. 261Vocal Ensemble	l sh
Mu. 262Instrumental Ensemble	Ish
Mu. 263Applied Music	2 sh
Ed. 302Psychology of Adolescence	3 sh
	33 sh





## Junior Year

Mu. 301Orchestration	3 sh
Mu. 321—Instrumental Conducting	2 sh
Mu. 331Advanced Choral Conducting	3 sh
Mu. 332Vocal and Choral Techniques	3 sh
Mu. 341 & 342Functional Piano	2 sh
Mu. 261Vocal Ensemble or Mu. 262Instrumental Ensemble	l sh
Mu. 263Applied Music	2 sh
Ed. 368Music in the Elementary School	3 sh
Ed. 378Instrumental Music in the Schools	2 sh
Ed. 388The Curriculum and Teaching of Music in the	
Secondary Schools	2 sh
Ed. 398Workshop in Education	3 sh
Ed. 458Apprentice Teaching of Music in the	
Elementary School	4 sh
Mu. 96Major Performance: Recital Class I	0 sh
	30 sh

## Senior Year

Mu. 312Eighte	eenth Century Counterpoint	3	sh
Mu. 261Vocal	Ensemble or Mu. 262Instrumental Ensemble	- 1	sh
Mu. 263Applie	ed Music	2	sh
Ed. 307Educat	tional Measurement	3	sh
Ed. 311Philos	sophy of Education	3	sh
Ed. 488Apprer	ntice Teaching of Music in the		
Secondary Sch	100 l	4	sh
Ed. 498Superv	vision of Music Education	3	sh
Electives		12	sh
Mu. 97Major	Performance: Recital Class II	0	sh
		31	sh

<sup>\*</sup> Each student must participate in an ensemble suitable to his major area of performance for eight semesters, and he must also earn two semester hours of credit in vocal or instrumental ensembles other than those related to his major performance medium.

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# RECOMMENDED COURSES OF STUDY FOR CONCENTRATORS IN MUSIC HISTORY, MUSIC THEORY AND COMPOSITION, AND APPLIED MUSIC (BACHELOR OF MUSIC)

			Арр	lied Mu	USIC	
Area of Music Specialization:	Mus <b>ic</b> History	Music Theory and Composition	Voice	Keyboard	Orchestra	
Uniform Academic Re- quirements	31	31	31	31	31	
Music Specialization Foreign Language Unrestricted Electives	84-86 12 3 130-132	87-89 12 3 133-135	85 12 3 131	84 6 9 130	84 6 9 130	
			Voice Preference	Keyboard Preference	Orchestra Preference	
Freshman						
Area I (En. 101Composit Types of Literature) It. 101 & 103Basic Ital Foreign Language elective	lian		6 6	6	6	
Gm. 101 & 103*, or 1t. Mu. 101 & 102Music Theo Mu. 103 & 104Sight Sing	4	6 4	6 4			

\* May be selected by concentrators in Keyboard and Orchestra only.

1 and 11

Mu. 261--Vocal Ensemble

Mu. 264--Applied Music

Mu. 262--Instrumental Ensemble

Mu. 172--Keyboard Literature Pe. 101 & 102--Physical Education

Mu. 141 & 142--Functional Piano I and II

	Voice Preference	Keyboard Preference	Orchestra Preference
Sophomore Year			
Area II (Hi. 101 & 102History of Western Civilization)	6	6	6
Area IVA (Ps. 101General Psychology) Area V (Mu. 271 & 272Music History and	3	3	6 3
Literature   and   )	6	6	6
Mu. 201 & 202Music Theory III and IV Mu. 203 & 204Sight Singing and	4	4	4
Dictation III and IV	4	4	4
Mu. 231Elementary Conducting	2	2	4 2 2
Mu. 241 & 242Functional Piano III and IV	2		2
Mu. 243 & 244Keyboard Harmony I and II		2	
Mu. 261Vocal Ensemble	1		
Mu. 262Instrumental Ensemble			1
Mu. 264Applied Music	<u>8</u> 36	8 35	8 36



		ndion		ppli Musi	
	History	Theory and Composition	Voice	Keyboard	Orchestra
Junior Year					
Gm. 101 & 103Basic German	6	6	6		
Mu. 261Vocal Ensemble or Mu. 262 Instrumental Ensemble	1				
Mu. 264Applied Music	1 4	4	8	8	8
Mu. 301—Instrumentation and	•	·			Ŭ
Orchestration	3	3			
Mu. 321Instrumental Conducting or Mu. 331Advanced Choral Conducting Mu. 303 & 304Vocal Sight Singing I and Mu. 305 & 306Applied Solfege I and II Mu. 341Functional Piano V Mu. 342Functional Piano VI	11 4	4	3 4	3 4	3 4 I
Mu. 343Score Reading		2	'	2	
Mu. 344Keyboard Accompanying		_		Ī	
Mu. 311Eighteenth Century Counterpoint	3	3 3	3	3	3
Mu. 312Analysis of Contemporary Music	7	3			
Mu. 371Music of the Middle Ages Mu. 372Music of the Renaissance	<i>)</i> 3				
Mu. 373Music of the Romantic Era	3 3 3				
Mu. 374Music of the Twentieth Century	3				
Music History electives		6	6	6	6
Electives	33	32	33	6 34	6 32
	22	1	ノノ	フマ	1





3011101 1001	Sen	ior	Year
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Senior Year					
Area IVB (Go. 101United States Government)	3	3	3	3	3
Area III (Science electives)	6	6	6	6	6
Mu. 261—Vocal Ensemble or Mu. 262— Instrumental Ensemble Mu. 264—Applied Music	I 4	 	I 8	I 8	I 8
Mu. 96Major Performance: Recital Class I	·	·	+	+	+
Mu. 97Major Performance;			т		т
Recital Class II Mu. 332Vocal and Choral Techniques			+ 3	+	+
Mu. 401Advanced Orchestration Mu. 402Directed Study in Composition	3	3 3 3 3			3
Mu. 411—Sixteenth Century Counterpoint Mu. 412—Pedagogy of Music Theory		3 3			
Mu. 451Master Class Mu. 452Pedagogy of Applied Music			- 1	1 3	1 3
Mu. 471—Music of the Baroque Era Mu. 472—Music of the Classical Era	3 3				
Mu. 473Directed Study in Musicology Mu. 474Development of the Opera	3	3	2		
Mu. 475Development of Keyboard Instruments				2	
Mu. 476Development of the Orchestra Music History elective	2	3			2
Music Theory elective	-	77	3	3 3	7
Elective	31	$\frac{3}{35}$	$\frac{3}{30}$	$\frac{3}{30}$	$\frac{3}{30}$

Applied Music

Keyboard

Voice

Orchestra

Theory and Composition

History

AVA

## DEPARTMENTAL COURSE OFFERINGS

## Mu. 11 FUNDAMENTALS OF THEORY

The foundation for the study of harmony is established by intensive study of scales, intervals, triads, and the simpler chordal progressions. This is a remedial course designed to aid entering students who have inadequate theoretical backgrounds.

Mr. Smith

non-credit

## Mu. 61 FESTIVAL CHORUS

Open to all students in the college who meet the requirements. Major choral works are studied and prepared for public performance. Qualified students perform as soloists in oratorio and advanced choral music literature.

Mr. Gilday

non-credit

## Mu. 96 MAJOR PERFORMANCE: RECITAL CLASS I

The student presents a recital during his junior year which must demonstrate a high degree of proficiency in his field of applied Specialization. The program is given publicly or privately for a faculty committee. The course provides a laboratory in which techniques of stage deportment, program building, and critical self-analysis are developed.

Mr. Lindblad, Mr. Ogasapian

non-credit

## Mu. 97 MAJOR PERFORMANCE: RECITAL CLASS II

The student presents a recital during his senior year under the conditions described for Mu. 96.

Mr. Lindblad, Mr. Ogasapian

non-credit

## Mu. 101 ELEMENTARY MUSIC THEORY I

Detailed study of music theory, progressing to four-part harmonization of melodies using the primary and secondary chords, non-harmonic tones, and simple modulation as exemplified in the music of the eighteenth century. Harmonic analysis and creative work are integrated with the written exercises.

Mr. Holevas, Miss Charette

Mr. Procopio, Mr. Smith

Two semester hours





## Mu. 102 ELEMENTARY MUSIC THEORY II

Continuation of Mu. 101, progressing to a more advanced level.

Mr. Holevas, Miss Charette

Mr. Procopio. Mr. Smith

Two semester hours

Mu. 103 SIGHT SINGING AND DICTATION I

Concentrates mainly on solfege, developed by singing at sight, and on ear training, developed by rhythmic and melodic dictation.

Mr. Lindblad, Mr. Smith, Mr. White

Two semester hours

Mu. 104 SIGHT SINGING AND DICTATION II

Continuation of Mu. 103, progressing to a more advanced level.

Mr. Lindblad, Mr. Smith, Mr. White

Two semester hours

Mu. 111 MUSIC EXPERIENCES I

Provides for the development of musical skills and understandings to further artistic growth and appreciation.

Mr. Holevas, Miss Charette

Mr. Ogasapian, Mr. Smith, Mr. White Two semester hours

Mu. 112 MUSIC EXPERIENCES II

Continuation of Mu. 111, progressing to an advanced level.

Mr. Holevas, Miss Charette

Mr. Ogasapian, Mr. Smith, Mr. White Two semester hours

Mu. 121 INSTRUMENTAL CLASS: STRINGS

Intensive class instruction in the fundamentals of playing string instruments. The student is expected to gain skill for beginning teaching and demonstration purposes.

Mr. Bravo, Miss Jump

Two semester hours

#### TNSTRUMENTAL CLASS: WOODWIND Mu. 122

Intensive class instruction in the fundamentals of playing woodwind instruments. The student is expected to gain skill for beginning teaching and demonstration purposes.

Mr. Summers. Mr. Wrzesien

Two semester hours

#### Mu. 141 FUNCTIONAL PIANO I

The development of good keyboard reading habits and the development of a repertoire of keyboard pieces, with special attention given to developing those reading skills, keyboard techniques, and interpretive styles necessary for the playing of keyboard accompaniment.

Mr. Bregor, Mr. Lindblad, Mr. Smith

One semester hour

#### Mu. 142 FUNCTIONAL PIANO II

Continuation of Mu. 141, progressing to a more advanced level.

Mr. Bregor, Mr. Lindblad, Mr. Smith

One semester hour

#### Mu. 143 KEYBOARD EXPERIENCES

Designed to give the non-music major a functional proficiency at the piano and to enrich his knowledge by means of the keyboard.

Mr. Bregor

Three semester hours

#### Mu. 171 MUSIC OF WESTERN CIVILIZATION

A survey of music from the troubadors to the aleatoric music of the present. Significant forms, styles, and aesthetic concepts are examined. Chamber music, leider, opera, oratorio, symphonic music and other mediums are studied. Philosophies of music are examined against specific periods in history.

Miss Charette, Mr. Lindblad, Mr. Ogasapian Three semester hours

#### Mu. 172 KEYBOARD LITERATURE FOR PIANO MAJORS

Through recordings and performances by the instructor this course acquaints students with the vast keyboard repertoire.

Two semester hours







Mu. 201 ADVANCED MUSIC THEORY I

Advanced harmony, including secondary dominants, secondary seventh chords, altered chords, realization of figured basses, and chromatic modulation as exemplified in the music of the nineteenth century. Corresponding progress is made in the integrated studies; harmonic and structural analysis and creative work.

Mr. Holevas, Mr. Ogasapian, Mr. Smith Two semester hours

Mu. 202 ADVANCED MUSIC THEORY II

Continuation of Mu. 201, progressing to more advanced levels.

Mr. Holevas, Mr. Ogasapian, Mr. Smith Two semester hours

Mu. 203 ADVANCED SIGHT SINGING AND DICTATION I

Continuation of Mu. 104, progressing to more difficult music, two-part melodic dictation, choral dictation, and the study of C clefs.

Mr. Gay, Mr. Lindblad, Mr. Summers, Mr. White One semester hour

Mu. 204 ADVANCED SIGHT SINGING AND DICTATION II

Continuation of Mu. 203.

Mr. Holevas, Mr. Ogasapian, Mr. Smith

One semester hour

## Mu. 212 INTRODUCTION TO HARMONY

The foundation for the study of harmony is established by intensive study of scales, intervals, triads, and the simpler chordal progressions.

Mr. Procopio, Mr. Smith

One semester hour

### Mu. 213 DIATONIC HARMONY

Continuation of Mu. 212, progressing to four-part harmonization of melodies using the primary and secondary chords, non-harmonic tones, and simple modulation as exemplified in the music of the eighteenth century. Harmonic analysis and creative work are integrated.

Mr. Procopio

Two semester hours

### Mu. 214 CHROMATIC HARMONY

Advanced harmony, including secondary dominants, secondary seventh chords, altered chords, realization of figured basses, and chromatic modulation as exemplified in the music of the nineteenth century. Corresponding progress is made in the integrated studies: harmonic dictation, harmonic and structural analysis, and creative work.

Mr. Procopio

Two semester hours

### Mu. 221 INSTRUMENTAL CLASS: BRASS

Intensive class instruction in the fundamentals of playing brass instruments. The student is expected to gain skill for beginning teaching and demonstration purposes.

Mr. Elliot, Mr. Paella

Two semester hours

## Mu. 222 INSTRUMENTAL CLASS: PERCUSSION

Intensive class instruction in the fundamentals of playing percussion instruments. The student is expected to gain skill for beginning teaching and demonstration purposes.

Mr. Bravo

One semester hour





## Mu. 231 ELEMENTARY CONDUCTING

Offers training in the technique of the baton as preparation for advanced instrumental and choral conducting. With laboratory experience, the student acquires knowledge of the basic problems of conducting, and their solutions.

Mr. Elliot

Two semester hours

Mu. 241 FUNCTIONAL PIANO III

Continuation of Mu. 142, progressing to a more advanced level.

Mr. Bregor, Mr. Lindblad, Mr. Smith

One semester hour

Mu. 242 FUNCTIONAL PIANO IV

Continuation of Mu. 241, progressing to a more advanced level.

Mr. Bregor, Mr. Lindblad, Mr. Smith

One semester hour

Mu. 243 KEYBOARD HARMONY T

Intended for keyboard majors, this course is addressed to practical problems of performance and improvisation.

One semester hour

Mu. 244 KEYBOARD HARMONY II

Continuation of Mu. 243.

One semester hour

Mu. 261 VOCAL ENSEMBLE:

Concert Choir. Open to a limited number of students selected by audition. The members study a wide variety of choral compositions and perform frequently in public and at college functions.

Mr. Gilday

One-half hour each semester

## Mu. 261 VOCAL ENSEMBLE: (Continued)

Laboratory Chorus. Includes all music concentrators who are not members of the Concert Choir, and other students who enjoy singing. Standard choral literature is studied and performed in public and at college functions.

Mr. Procopio, Mr. White

One-half hour each semester

Mu. 262 INSTRUMENTAL ENSEMBLE:

<u>Wind Ensemble</u>. Advanced instrumentalists are eligible for this ensemble and are selected by audition. Works from traditional and contemporary repertoire are studied and performed in public. Extended concert tours and special appearances are part of the Wind Ensemble's normal function.

Mr. Traphagan

One-half hour each semester

Concert Band. For students other than those who qualify for the Wind Ensemble. Works suitable for secondary school bands or above are studied and performed. Membership is by audition.

Mr. Gay

One-half hour each semester

<u>Laboratory Band</u>. For students other than those who qualify for the Concert Band. Provides ensemble experience on a band instrument, with the repertoire limited to elementary and intermediate material.

Mr. Holevas

One-half hour each semester

Chamber Orchestra. Advanced instrumentalists are eligible and are selected by audition. Works suitable for chamber orchestra are studied and performed in public. Opportunity for solo performance with orchestral accompaniment is offered.

Mr. Gayzagian

One-half hour each semester



Mu. 262 INSTRUMENTAL ENSEMBLE: (Continued)

<u>Laboratory Orchestra</u>. For students other than those who qualify for the Chamber Orchestra. Provides ensemble experience on stringed instruments, with the repertoire limited to elementary and intermediate material.

Mr. Elliot

One-half hour each semester

Brass Choir. Advanced brass players are eligible and are selected through audition. Annual tour and public performances of high quality compositions for brass instruments. Credit is allocated in conjunction with membership in a major musical organization.

Mr. Gay

One-half hour each semester

<u>Small Ensembles</u>. For students interested in small ensembles, string quartets, madrigal groups, brass or woodwind ensembles are organized to encourage study and performance in this type of musical activity. Credit is allocated in conjunction with membership in a major musical organization.

Members of the Department

One-half hour each semester

Mu. 263 APPLIED MUSIC

For students enrolled in the Bachelor of Music-Education program. Fourteen half-hour lessons plus a jury examination of each student's performance on his major instrument.

Applied Music Faculty

One hour each semester



## Mu. 264 APPLIED MUSIC

For students enrolled in the Bachelor of Music programs. Fourteen private one-hour lessons plus a jury examination of each student's performance on his major instrument.

Applied Music Faculty

Two to four hours each semester

Mu. 271 MUSIC HISTORY AND LITERATURE I

A study is made of the development of the sacred and secular forms of music from the pre-Christian era up to the middle of the eighteenth century.

Mr. Bregor

Three semester hours

Mu. 272 MUSIC HISTORY AND LITERATURE II

Studies the music of the period from the middle of the eighteenth century to the present. The impact on music of the changing social philosophies is analyzed.

Mr. Bregor

Three semester hours

Mu. 301 INSTRUMENTATION AND ORCHESTRATION

The study of instrumentation and orchestration, emphasizing score reading and the writing of music for all orchestral instruments individually and in combination.

Mr. Smith

Three semester hours

Mu. 303 VOCAL SIGHT SINGING I

This course is intended for vocalists and keyboard players who possess above average ability and interest in vocal music. Material will be selected to cover the problems arising from performance of twentieth century and pre-Baroque vocal music.

Two semester hours

Mu. 304 VOCAL SIGHT SINGING II

Continuation of Mu. 303.

Two semester hours





## Mu. 305 APPLIED SOLFEGE I

Intended for instrumental majors, this course relates acquired solfege skills to the student's instrument through individual and group performances of selected material. Enrollment limited to twelve students per section.

Two semester hours

Mu. 306 APPLIED SOLFEGE II

Continuation of Mu. 305.

Two semester hours

## Mu. 311 EIGHTEENTH CENTURY COUNTERPOINT

The study of the vocal and instrumental polyphony of the eighteenth century, based on tonality. Choral and instrumental composition in this style is emphasized. Representative music of the eighteenth century is analyzed from a contrapuntal point of view.

Mr. Bouzianis, Mr. Holevas

Three semester hours

## Mu. 312 ANALYSIS OF CONTEMPORARY MUSIC

An examination of the stylistic trends of contemporary music, beginning with the late romantics and proceeding to the current forms of experimental music. Emphasis is placed on listening and analysis, as well as musicological commentary.

Mr. White

Three semester hours

#### Mu. 321 INSTRUMENTAL CONDUCTING

Advanced baton technique, score reading, and principles of instrumental interpretation. This is a laboratory course in the study of suitable music literature for small ensemble, orchestra, and band, and of the techniques of organizing instrumental programs.

Mr. Traphagan

Three semester hours

#### ADVANCED CHORAL CONDUCTING Mu. 331

The many techniques involved in training and conducting a chorus are demonstrated, studied and practiced. A study is made of a wide repertoire of choral music.

Mr. Gilday

Three semester hours

### Mu. 332 VOCAL AND CHORAL TECHNIQUES

Prepares the student to handle vocal problems on both an individual and group basis. Training is given in basic choral techniques such as diction, blend, pitch, balance, attacks, and releases.

Mr. Gilday

Three semester hours

#### FUNCTIONAL PIANO V Mu. 341

Continuation of Mu. 242, progressing to a more advanced level.

Mr. Bregor, Mr. Lindblad, Mr. Smith One semester hour

#### Mu. 342 FUNCTIONAL PIANO VI

Continuation of Mu. 341, progressing to a more advanced level.

Mr. Bregor, Mr. Lindblad, Mr. Smith One semester hour

## Mu. 343 SCORE READING

Development of score reading ability through keyboard performance of increasingly difficult exercises and scores. Includes clef studies and transposition.

Two semester hours







## Mu. 344 KEYBOARD ACCOMPANYING

Intended for keyboard majors, this course is addressed to the major problems of accompaniment.

One semester hour

## Mu. 371 MUSIC OF THE MIDDLE AGES

Music to 1400, with emphasis on early Christian chant, secular song, and the development of polyphony.

Three semester hours

## Mu. 372 MUSIC OF THE RENAISSANCE

A study of the mass and motet, chanson and madrigal, and the development of instrumental music in the fifteenth and sixteenth centuries.

Three semester hours

## Mu. 373 MUSIC OF THE ROMANTIC ERA

A study of the instrumental and vocal forms of the nineteenth century from Beethoven through Wagner.

Three semester hours

## Mu. 374 MUSIC OF THE TWENTIETH CENTURY

A comprehensive study of contemporary music beginning with Impressionism and continuing through the twelve-tone-method and electronic music.

Three semester hours

## Mu. 401 ADVANCED ORCHESTRATION

Intended for theory majors, this course is a continuation of Mu. 301 with special emphasis upon the orchestration of student compositions.

Three semester hours

## Mu. 402 DIRECTED STUDY IN COMPOSITION

Individual composition under the direction of faculty theorist. May be repeated for credit.

Three semester hours

### Mu. 411 SIXTEENTH CENTURY COUNTERPOINT

Contrapuntal studies based upon common practice in the sixteent century.

Three semester hours

## Mu. 412 PEDAGOGY OF MUSIC THEORY

A course which prepares students for teaching theory through examination of musical materials and procedures.

Three semester hours

## Mu. 451 MASTER CLASS

An extension of applied study. Under the guidance of a specialist, groups of students work on problems related to their major instruments.

One semester hour

## Mu. 452 PEDAGOGY OF APPLIED MUSIC

Through examination of musical materials and procedures, this course prepares students for teaching applied music.

Three semester hours

## Mu. 471 MUSIC OF THE BAROQUE ERA

A stylistic study of the period 1600-1750, from Monteverdi through Bach and Handel.

Three semester hours

## Mu. 472 MUSIC OF THE CLASSICAL ERA

A study of the music from 1750-1820: symphony, opera, solo, and ensemble forms.

Three semester hours

## Mu. 473 DIRECTED STUDIES IN MUSICOLOGY

Private study with a music history instructor devoted to research projects of significant proportions. May be repeated for credit.

Three semester hours

Mu. 474 DEVELOPMENT OF OPERA

 $\ensuremath{\mathtt{A}}$  survey of operatic literature from Monteverdi to the present.

Two semester hours

Mu. 475 DEVELOPMENT OF KEYBOARD INSTRUMENTS AND LITERATURE

A survey of keyboard instrumental literature and a study of the evolution of keyboard instruments.

Two semester hours

Mu. 476 DEVELOPMENT OF THE ORCHESTRA

A survey of the growth of the orchestra through examination of the works of composers who made significant contributions to orchestral development and a study of the impact of instrumental refinements and innovations upon the evolution of orchestral instruments.

Two semester hours



## DEPARTMENT OF NURSING

## Gertrude Barker, Chairman

The Department of Nursing offers work leading to specialization in nursing only to those students who have been admitted to the professional nursing program. Students enrolled in the nursing program are expected to conform to the recommended course of study which appears below.

## RECOMMENDED COURSE OF STUDY FOR NURSING CONCENTRATORS

Uniform Academic Requirements	31	sh
General Studies and Elective Courses	21	sh
Specialization in Nursing	58	sh
Related Sciences and Mathematics	18	sh
Physical Education		sh
	129	ch

## Freshman Year

T.	
Area I (En. 101—Composition, En. 161Types	6 sh
of Literature)	
Area III (Bi. 101 & 102General Biology)	6 sh
Area IV (Go. 101United States Government, So. 201	
Introduction to Sociological Analysis)	6 sh
Area VA (Ar. 101Art of Western Civilization or	
Mu. 171Music of Western Civilization)	3 sh
Ma. 101General Mathematics	3 sh
Ch. III & II2General Chemistry	6 sh
Nu. 101 & 102Introduction to Nursing	2 sh
Pe. 101 & 102Physical Education	_l sh
	33 sh



## Sophomore Year

Area II (Hi. 101 & 102History of		
Western Civilization)	6	sh
Bi. 223 & 224Anatomy and Physiology	6	sh
Bi. 231—Clinical Microbiology	3	sh
Ps. 101General Psychology	3	sh
Ps. 309Social Psychology	3	sh
Nu. I5IFundamentals of Nursing	3	sh
Nu. 201Medical-Surgical Nursing	4	sh
Nu. 261 & 262Group Dynamics	2	sh
Pe. 103 & 104Physical Education		sh
	31	sh

## Junior Year

Area VB (Ph. 101——Introduction to Philosophy)	3	sh
Ps. 201—Child Growth and Development	3	sh
Nu. 301—Medical-Surgical Nursing	6	sh
Nu. 311Maternal and Child Health Care	- 11	sh
Nu. 321——Psychiatric Nursing	4	sh
Electives	6	sh

33 sh

## Senior Year

Nu. 401Medical-Surgical Senior Experience Nu. 402Leadership and Team Nursing Nu. 431Public Health Nursing Nu. 441Nursing Seminar Nu. 451Independent Study in Nursing	6 sh 6 sh 8 sh 3 sh 3 sh
Electives	6 sh 32 sh

## DEPARTMENTAL COURSE OFFERINGS

## Nu. 101 INTRODUCTION TO NURSING I

Surveys the role and scope of professional nursing. Introduces communication skills and allows the student to practice patient interviewing during field trips to hospitals and other health agencies. (Fall semester)

Mrs. Barker

One semester hour

## Nu. 102 INTRODUCTION TO NURSING II

Continuation of Nu. 101. Examines the development of the modern aspects of professional nursing by tracing the historical trends in nursing. (Spring semester)

Mrs. Barker

One semester hour

## Nu. 151 NURSING III (Fundamentals)

The study and application of fundamental concepts of nursing based on knowledge acquired in the study of biological, physical and social sciences. Supervised clinical experience in beginning patient-centered nursing care. Nutrition and pharmacology are integrated throughout all clinical nursing courses. (Fall semester)

Members of the Department

Three semester hours

## Nu. 201 NURSING IV (Medical-Surgical)

A continuation of Nu. 151 with a broader pathophysiological and psychosocial approach to clinical nursing. Interrelations of disturbances of the vital functions of the body are stressed. Clinical experience emphasizes nursing measures for prevention, treatment and rehabilitation of these conditions. (Spring semester)

Members of the Department

Four semester hours



## Nu. 261 GROUP DYNAMICS I

An analysis of the processes of group dynamics and an examination of student reactions to hospital nursing experiences through group interaction.

Mrs. Barker

One semester hour

Nu. 262 GROUP DYNAMICS II

A continuation of Nu. 261 with emphasis upon the sociological and psychological principles of T-groups.

Mrs. Barker

One semester hour

## Nu. 301 NURSING VI (Medical-Surgical)

A diversified clinical experience which includes emergency and disaster nursing, neurosurgical nursing, and long-term illness nursing. Opportunity is provided to continue group dynamics in weekly seminars.

Members of the Department

Six semester hours

## Nu. 311 NURSING V (Maternal and Child Health)

A study of the maternity cycle and child development from infancy to early childhood with emphasis on the family as a unit. Clinical experience in the prenatal clinic, the delivery room, the hospital nursery, the nursery school, and the pediatric ward is provided. Prerequisites: Nu. 201 and Ps. 201.

Members of the Department

Eleven semester hours



## Nu. 321 NURSING VII (Psychiatric)

A study of the several aspects of psychiatric nursing care. Supervised clinical experience provides opportunities for interaction with mentally disturbed patients and for conferences, clinics, and practice in the care of psychiatric patients.

Members of the Department

Four semester hours

Nu. 401 NURSING VIII (Medical-Surgical)

A study of the critically ill patient which is designed to develop nursing competency in complex cases. Emphasis is on the immediate needs of patients and families and the identification of medical and social priorities. Clinical experience includes nursing management of the intensive-care unit. (Fall semester)

Members of the Department

Six semester hours

Nu. 431 NURSING IX (Public Health)

A study of the principles of public health nursing with emphasis upon assisting families to analyze their health needs and to make use of community health services. Clinical experience is in a voluntary visiting nurse agency and in other public health services.

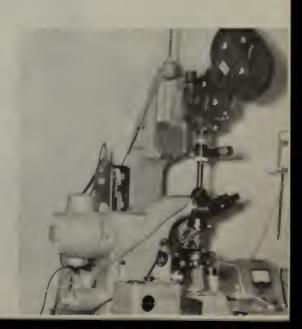
Members of the Department

Eight semester hours

Nu. 403 NURSING X (Leadership and Team Nursing)

Emphasis is on the leadership role of the nurse in a hospital setting. Considers aspects of interpersonal relations, teaching, supervision, and hospital organization relevant to supervising auxiliary personnel. Clinical practice as a team leader is included. Weekly seminar in group dynamics.

Members of the Department Six semester hours





## Nu. 441 NURSING SEMINAR

An introduction to basic research techniques and their application to a nursing project in independent study (Nu. 402). Also a survey of the implication of nursing trends, legal responsibilities, professional organizations, and career and graduate study opportunities in nursing. (Spring semester)

Members of the Department

Three semester hours

## Nu. 451 INDEPENDENT STUDY

Independent readings, clinical experience, and identification and resolution of a nursing problem in an area in which the student is most interested. Guidance by a member of the faculty with similar interests. (Spring semester)

Members of the Department

Three semester hours





# DEPARTMENT OF PHILOSOPHY

## P. Christopher Smith, Chairman

The Department of Philosophy offers work leading to an area of study in philosophy for concentrators in biology, English, French, and history. In cooperation with the Departments of History and Foreign Languages, the Department of Philosophy also offers courses toward areas of study and special study in classical civilization. An area of study in philosophy consists of 18 semester hours of course work selected from departmental offerings and may include courses in philosophy specified by the Uniform Academic Requirements of the

College, Ed. 311, and the following offerings of the Department of Foreign Languages: Gm. 301, Gm. 401, Gm. 402, and Gm. 403. Areas of study and special study in classical civilization consist of 18 semester hours of course work selected from those courses listed for classical civilization which appear in the descriptions of programs offered by the Department of Foreign Languages.

## DEPARTMENTAL COURSE OFFERINGS

Ph. 201 INTRODUCTION TO PHILOSOPHY

A survey of the basic problems of philosophy and the alternative solutions as represented in the thought of the more significant western philosophers.

Mr. Lyons, Mr. Smith

Three semester hours

A study of the development of Greek philosophy. The texts discussed will be taken from the works of the Pre-Socratics, Plato, Aristotle, and Plotinus.

Mr. Lyons, Mr. Smith

Three semester hours

Ph. 302 PHILOSOPHY OF THE MIDDLE AGES

This course will begin with a study of the origins of medieval philosophy and continue through the period of transition to the modern era. Augustine, Anselm, Aquinas, Dun Scotus, William of Ockham, and Nicholas of Cusa will be considered.

Mr. Smith

Three semester hours



Ph. 303 MODERN PHILOSOPHY FROM DESCARTES TO KANT

An historical analysis of the major philosophers of the seventeenth and eighteenth century with an emphasis on selections from Hobbes, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, and Kant.

Mr. Lyons, Mr. Smith

Three semester hours

Ph. 401 AMERICAN PHILOSOPHY

An intensive historical examination of the main figures in American philosophy from colonial times to the late nineteenth century.

Mr. Lyons

Three semester hours

### Ph. 402 RATTONALISM AND EMPIRICISM IN POLITICAL THEORY

Revolutionary and conservative tendencies in the history of political philosophy will be compared and their development traced. Plato, Aristotle, Hobbes, Locke, Rousseau, Hegel, Marx, Lenin, and Burke will be considered.

Mr. Smith

Three semester hours

#### Ph. 403 PHILOSOPHY OF RELIGION

A critical examination of the claims to religious knowledge emphasizing the problem of the existence of God and the problem of evil. Special attention will be given to the uses of religious language and their significance for personal existence.

Mr. Lawson

Three semester hours

### Ph. 404 EXISTENTIALISM

A survey of existential philosophy and literature with reference to the traditional philosophy which existentialism calls into question. Kafka, Camus, Pascal, Buber, Kierkegaard, and Nietzsche will be discussed.

Mr. Smith

Three semester hours

Cf. also Ed. 311--Philosophy of Education





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## notes

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